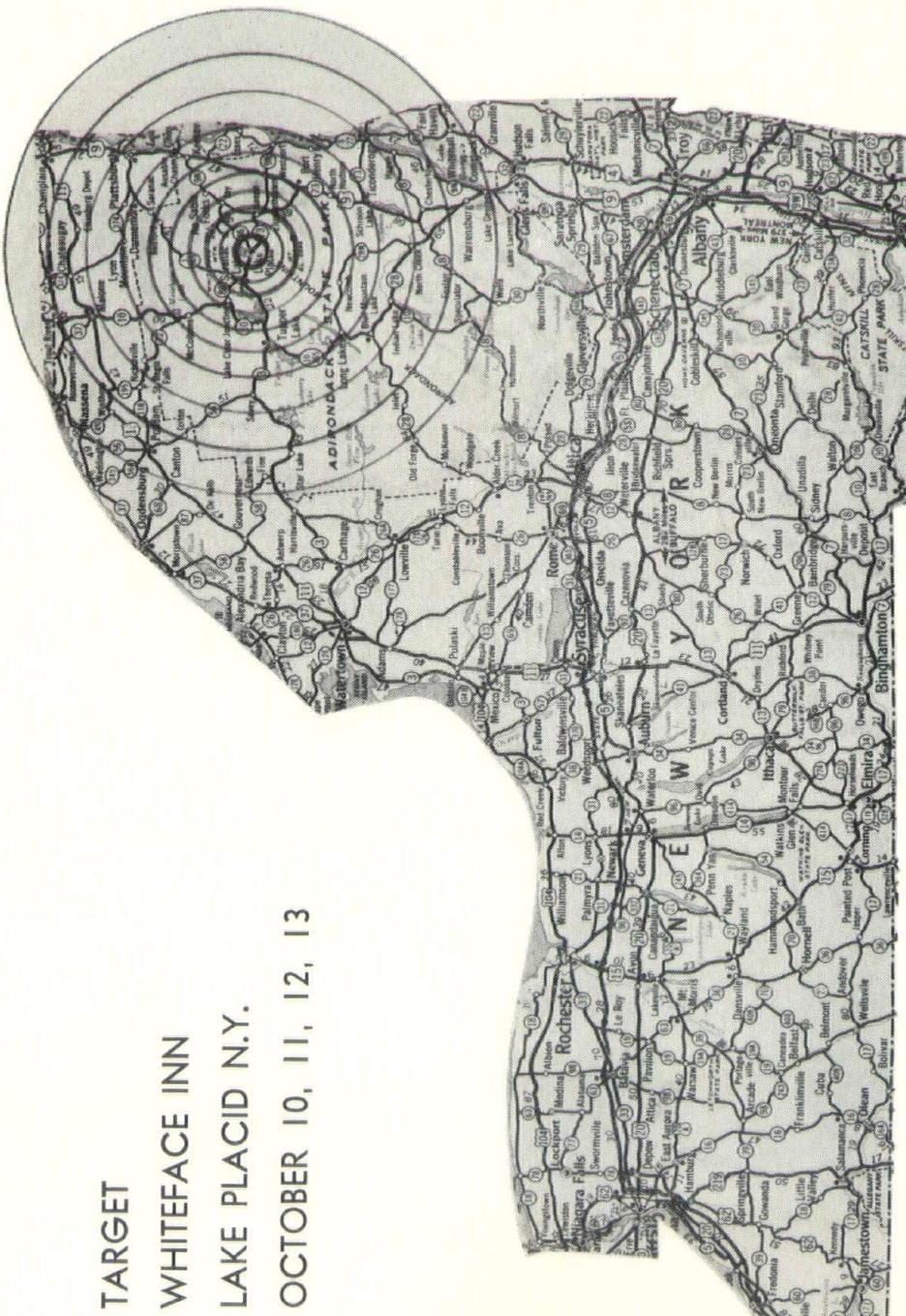


EMPIRE STATE ARCHITECT

SEPTEMBER-OCTOBER 1962

VOL. XII | NO. 5

TARGET
WHITEFACE INN
LAKE PLACID N.Y.
OCTOBER 10, 11, 12, 13



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The American Institute of
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CONVENTION ISSUE

Expanded Architectural Services



This school cost less with ceramic tile

The new Waterloo, N.Y. High School contains 34,400 square feet of American Olean ceramic tile—including colorful tile murals on exterior and interior walls. Costly? Here are the facts: This school cost less—\$1.65 per square foot less than the median cost of schools built in New York State during the same period. Proof that American Olean ceramic tile can save you money on school construction costs as well as insuring big savings on cleaning and maintenance year after year.

Write for informative Booklet 620, Ceramic Tile for Schools.

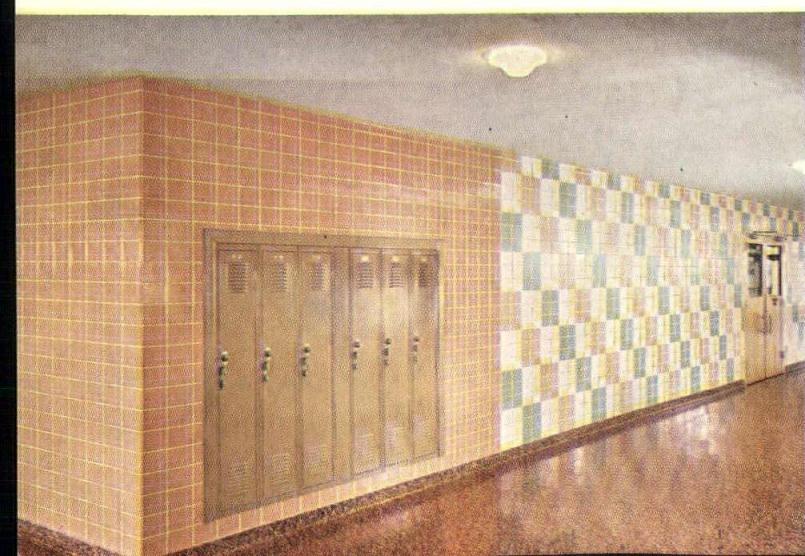
ABOVE—Main Entrance: exterior mural in ceramic mosaics, 1" sqs., Cerulean, Dove Gray, Citrin, Topaz with figures in Ebony. Plate 479.

BOTTOM LEFT—Corridor Walls: 6" x 4 1/4" in 52 Daffodil and 32 Tan Glo. Design: 6" x 4 1/4", 59 Parchment, 45 Salt & Pepper and 56 Leaf Green. Plate 480.

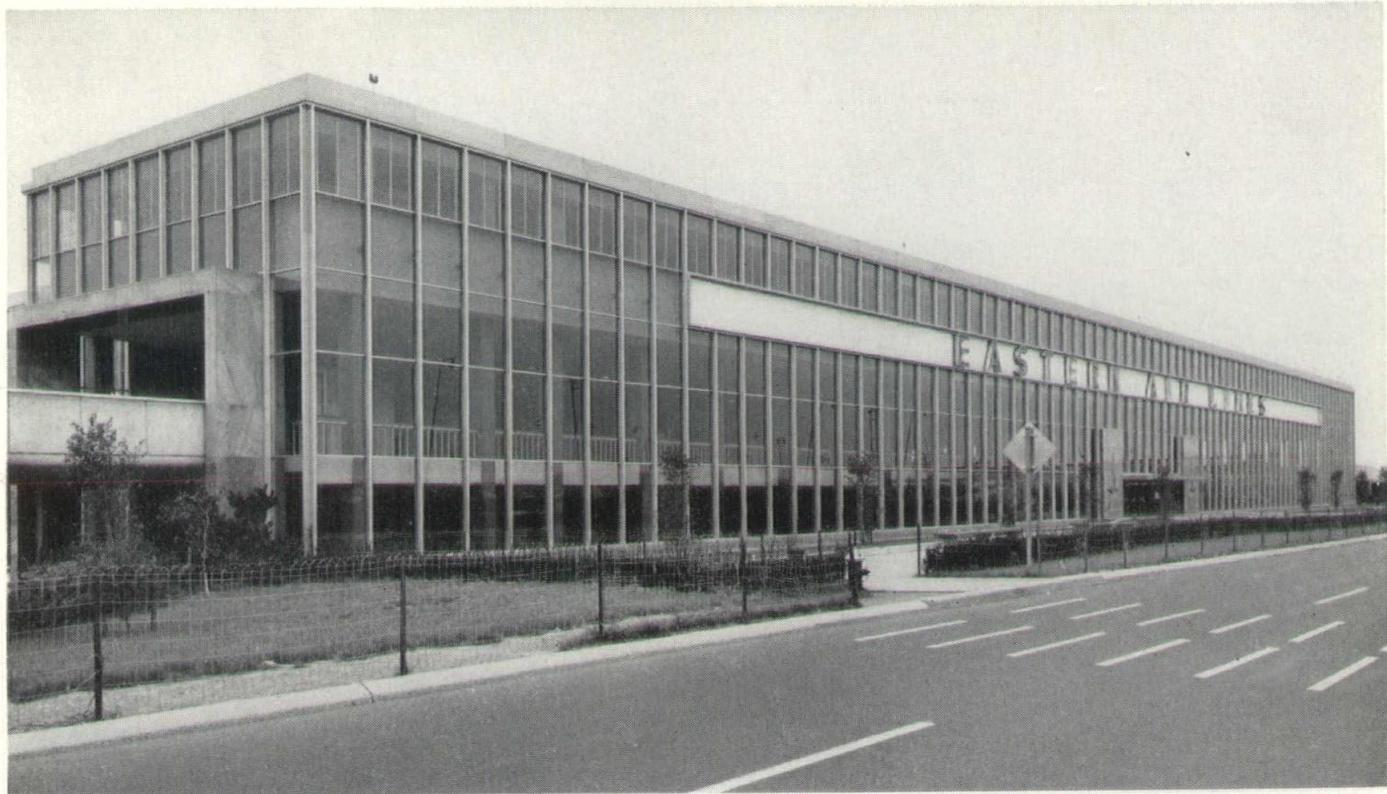
BOTTOM RIGHT—Cafeteria Wall: ceramic mosaics 1" sqs., Beryl, Apricot, Petal Pink, Haze, Topaz. Plate 481.

Architect: John C. Ehrlich. Tile Contractor: Stearns & Bergstrom Inc.

American Olean
CERAMIC TILE



AMERICAN OLEAN TILE COMPANY—EXECUTIVE OFFICES: 1727 CANNON AVE., LANSDALE, PA. A SUBSIDIARY OF NATIONAL GYPSUM COMPANY



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Mechanical Engineer: Seelye, Stevenson, Value and Knecht, New York City

Architect: Chester L. Churchill, New York City

Mechanical Contractor: Brandt Corporation, New York City



B&G® Pumps keep air line terminal clear of snow and ice

In the complex mechanical design of the Eastern Air Lines Terminal Building at New York International Airport, an important role is played by B&G Boosters, Universal and 1510 Pumps.

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B&G heating system pumps earn a place in such outstanding installations because of a long record for dependable, maintenance-free performance. Where *quiet* operation is vital, the design and construction of B&G Booster and Universal Pumps have made them the preferred equipment for this service.



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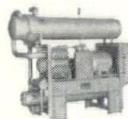
Dept. HG-39 Morton Grove, Illinois

Canadian Licensee: S. A. Armstrong, Ltd., 1400 O'Connor Drive, Toronto 16, Ontario

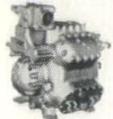
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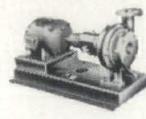
Booster Pumps



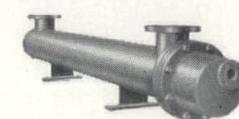
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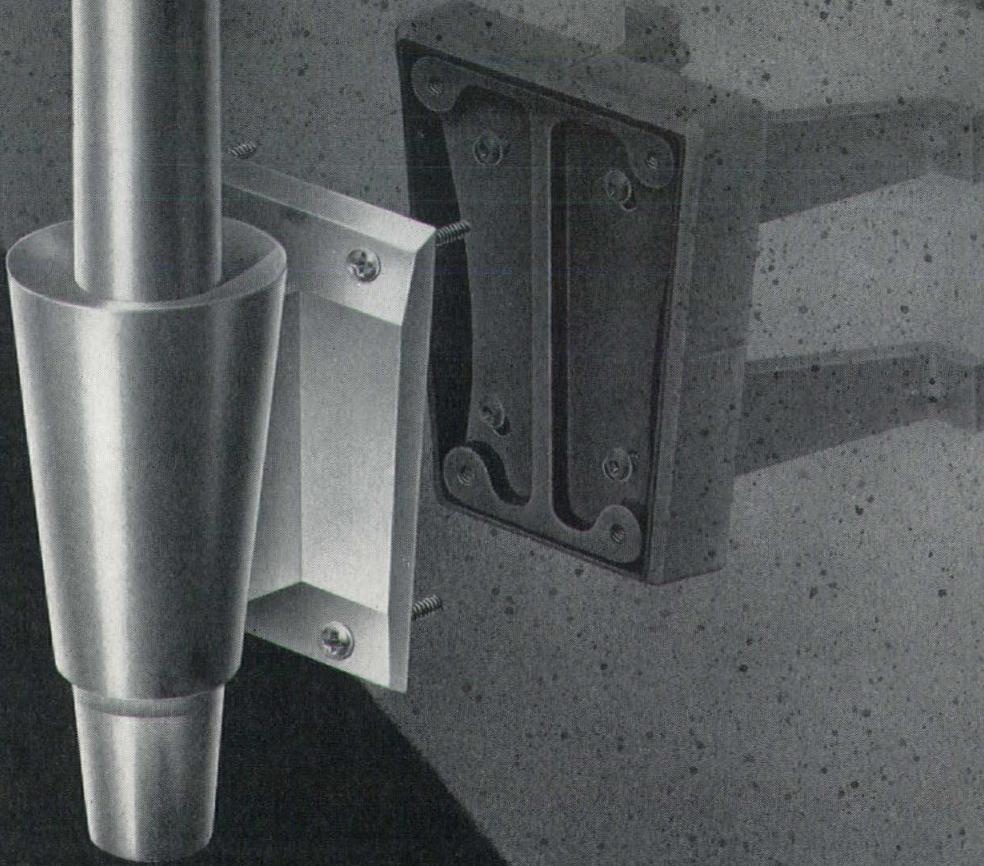
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EMPIRE STATE ARCHITECT

OFFICIAL PUBLICATION
OF THE NEW YORK STATE ASSOCIATION OF ARCHITECTS

SEPTEMBER - OCTOBER, 1962

VOL. XXII — 5

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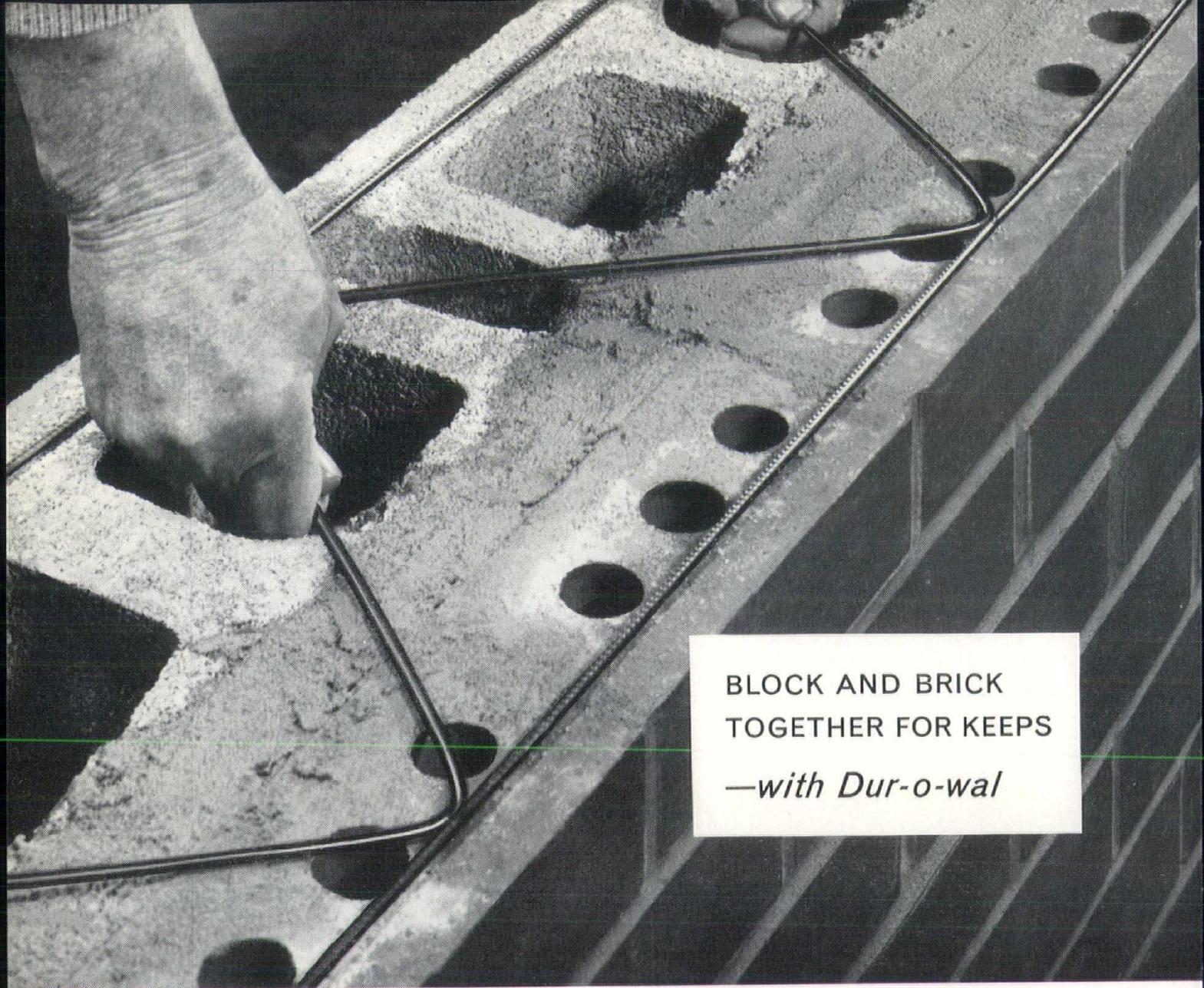
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Second Class Postage Paid at Rochester, New York. Subscription price: Non-Member \$5.00; \$1.00 per issue. Published 6 times a year.

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BLOCK AND BRICK
TOGETHER FOR KEEPS
—with Dur-o-wal

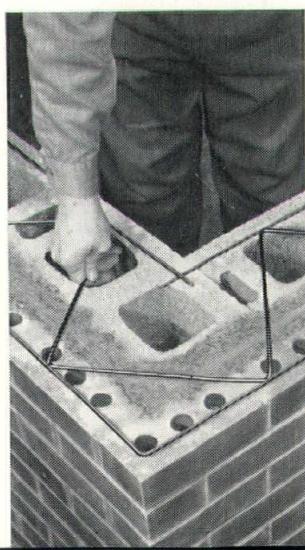
Tests prove this easier way to tie composite walls IS BETTER TOO—MUCH BETTER!

Impartial tests, we mean, conducted at a university-affiliated research laboratory. Test techniques were adaptions of standard masonry construction. Conclusions: In comparison with header-tied walls, the Dur-o-wal tie not only makes for easier construction and lower cost—but also provides increased compressive strength, marked improvement in resistance to moisture penetration, comparable transverse strength, comparable mortar bond. Write to nearest address below for new comprehensive Dur-o-wal data file and research reports.

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Strength with flexibility—the two basic factors for a repair-free composite wall are assured by Dur-o-wal. Around corners, that is, as well as in the straight stretches. Positive, continuous reinforcement of corners is easy when formed on the job—even easier with prefabricated Dur-o-wal corners such as shown in this picture.

THE EASTERN NEW YORK CHAPTER
AMERICAN INSTITUTE OF ARCHITECTS
PRESENTS

EXAMPLES OF THE WORK OF MEMBERS OF THE CHAPTER

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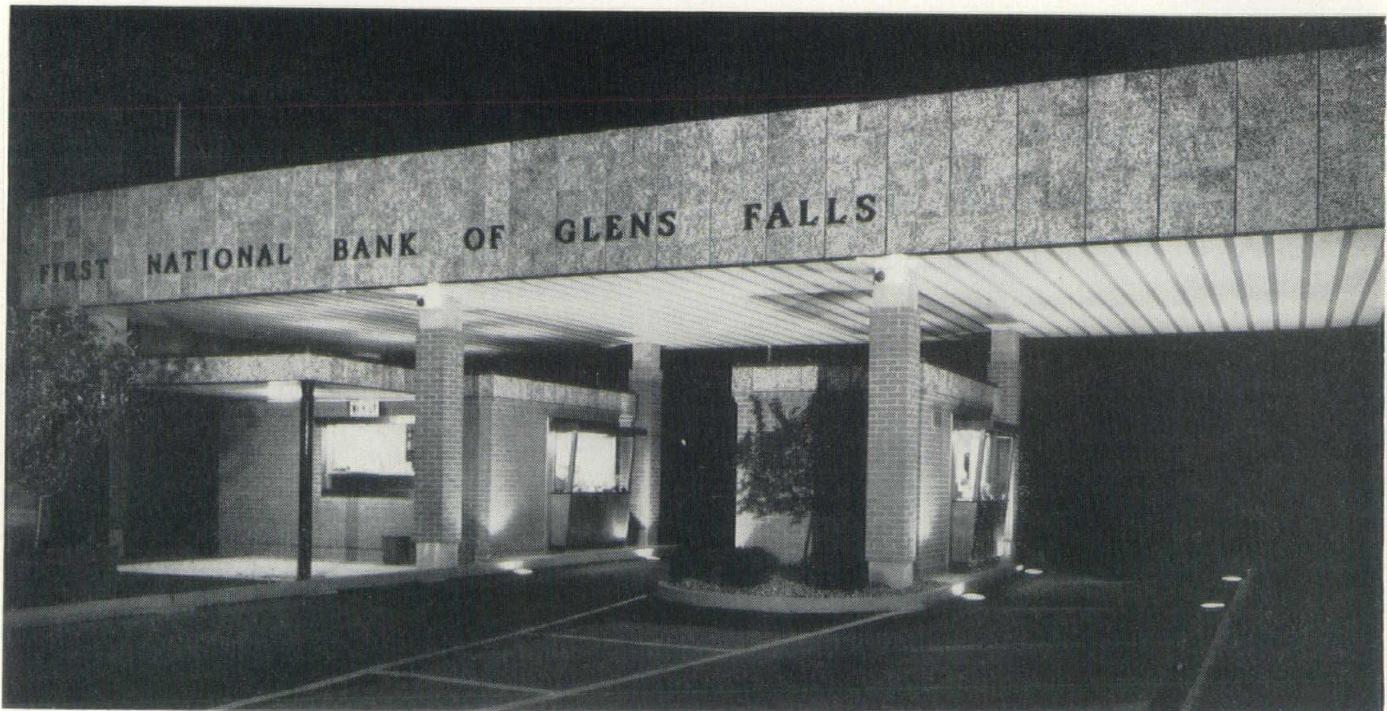
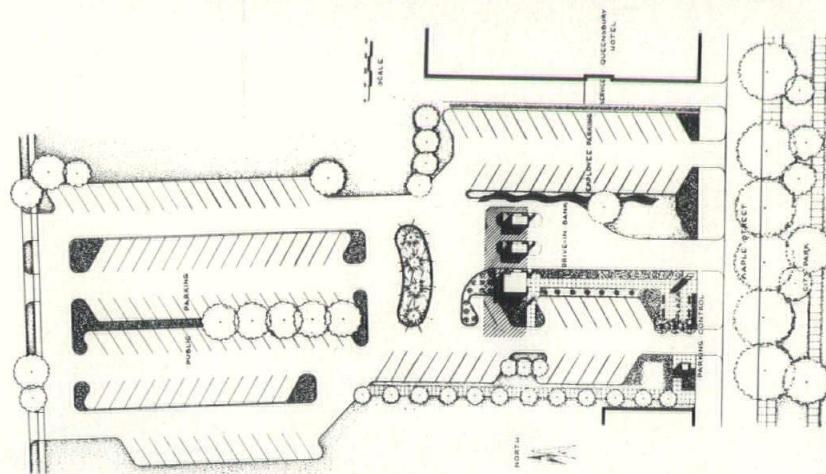
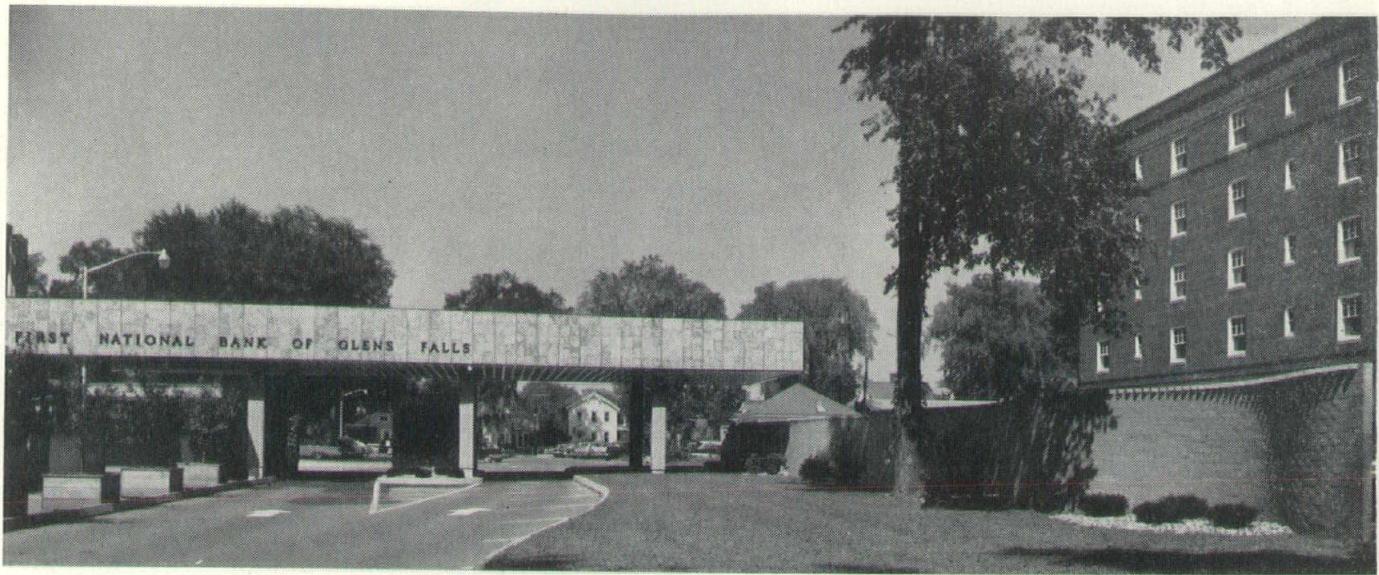
Built during winter 1961-62 this facility was one of the first to be built under legislation enabling commercial banks to construct such a branch.

Designed for three drive-up windows and one walk-up window the building is essentially three independent small buildings covered by one large roof canopy. The canopy serves to unify the otherwise tiny teller booths into an eye-catching composition, set within a park-like atmosphere. The site becomes, intentionally, an extension of the City Park directly across the road. It is adjacent to the city's major hotel.

Located on the edge of the downtown shopping

district the Facility provides convenient in-your-car banking as well as automobile parking. Adjacent to the auto-bank is space for parking 152 cars, also in a landscaped park-like atmosphere. A matching booth houses the parking attendant.

Built of buff-colored brick and a precast masonry panels surfaced with crushed garnets and quartz the entire project is a strong effort on the part of the Owner to contribute materially to the pleasure and well being of downtown. The facility combines the convenience of modern banking methods with the beauty of lawns, shrubs, serpentine walls and at night dramatic lighting.



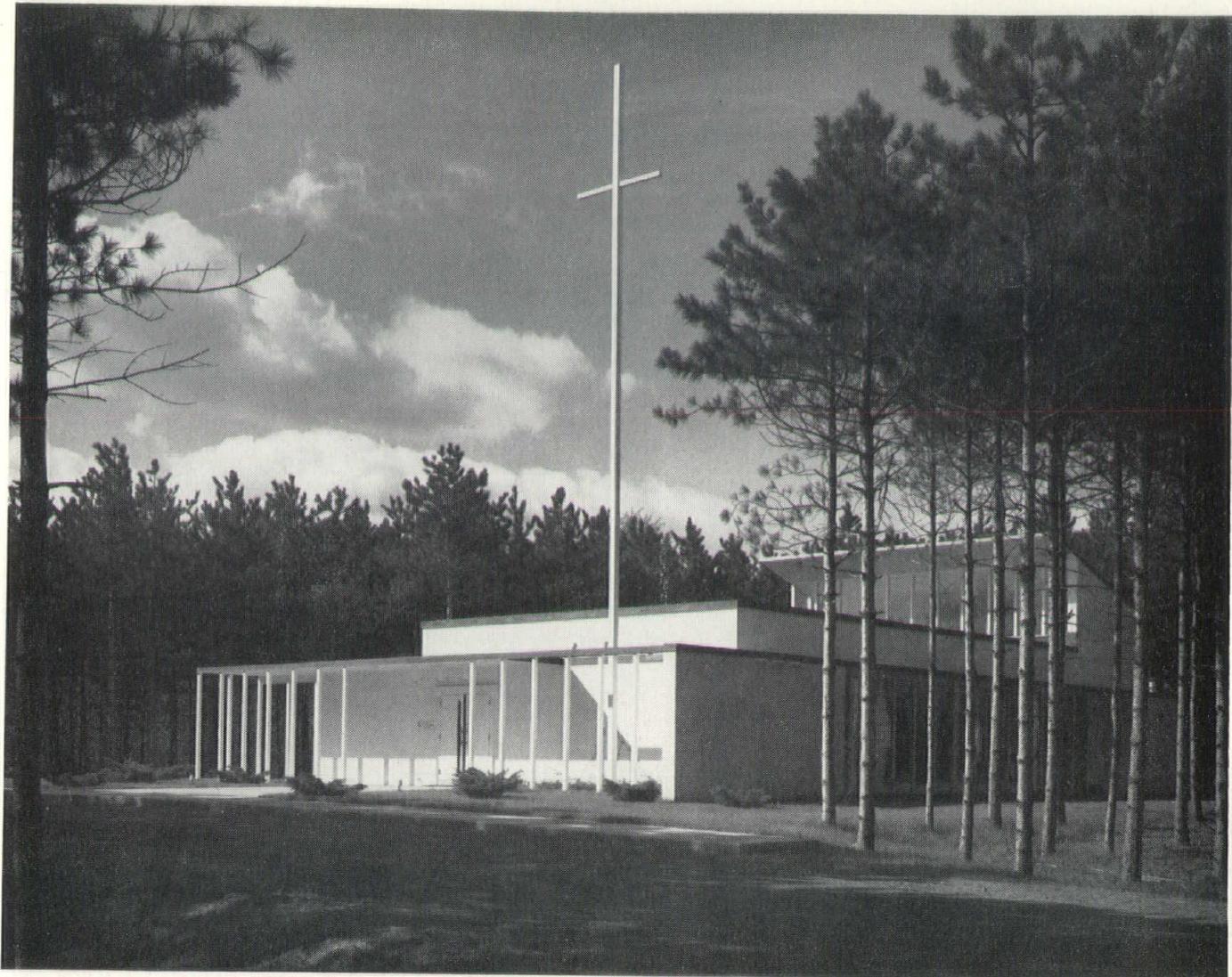


The best ideas are more exciting
in **concrete**

Henry Ford Hospital 870-car parking structure, Detroit, Michigan. Architect: Albert Kahn, Associated Architects and Engineers, Inc., Detroit, Michigan

Louvers give a new beauty twist to concrete curtain walls!

Precast concrete curtain walls have given Henry Ford Hospital an off-the-street parking structure that blends attractively into a residential area. 1,716 hyperbolic paraboloid panels, precast from white cement, white quartz and sand aggregates, form the unique walls. An intriguing visual effect is obtained from these louvers which seem to change shape and position, depending on lighting and angle of view. Practicality is everywhere. In the light, open feeling of the interior . . . in the enduring solidity of the concrete frame and floors. The versatility of concrete is today winning new appreciation as architects express fresh concepts in design.



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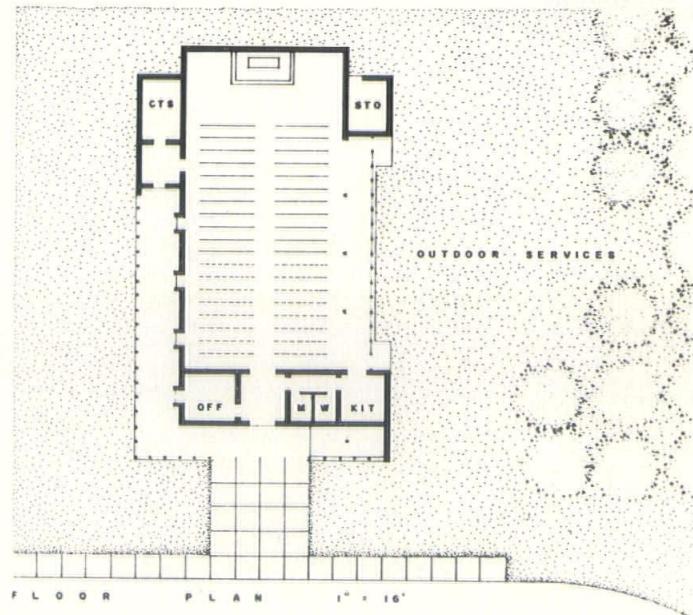
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CONTROL CENTER MODULES BY JOHNSON

The most advanced development in centralized temperature control, new Johnson modular units permit complete flexibility in control center design and operation. They are adaptable to all transmission systems—pneumatic, electric, electronic.

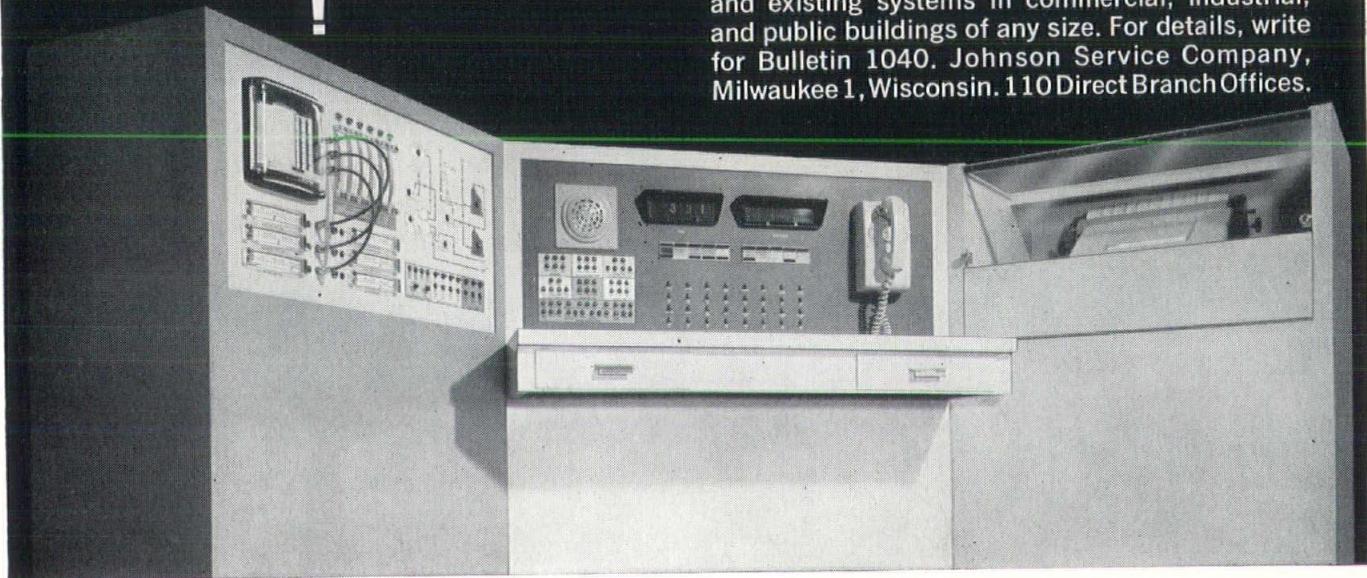
Besides temperature control, many other functions, such as lighting control, power plant control, communications, and alarm systems, may be integrated into the center. The choice of features is unlimited, ranging from conventional data indication and control to automatic digital printing, closed circuit TV, and screen-projected floor plans and system diagrams. You use as many or as few modules as you wish. Each is custom-equipped.

The control center below illustrates how these compact modular units can be combined to increase system efficiency and make the most effective use of manpower.

Johnson Control Centers are ideal for both new and existing systems in commercial, industrial, and public buildings of any size. For details, write for Bulletin 1040. Johnson Service Company, Milwaukee 1, Wisconsin. 110 Direct Branch Offices.

HERE'S
TOTAL
FLEXIBILITY

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Miscellaneous Data Module—Pneumatic indicating receivers, mounted horizontally or vertically, provide continuous indication of key temperatures and pressures. Integral switches indicate off-normal conditions. Optional recording of variables is provided by three-pen, plug-in recorder. Interlocked circuits provide automatic sequence motor control of refrigeration system. Visual indication of operation, manual override, and graphic diagram of the system are also included.

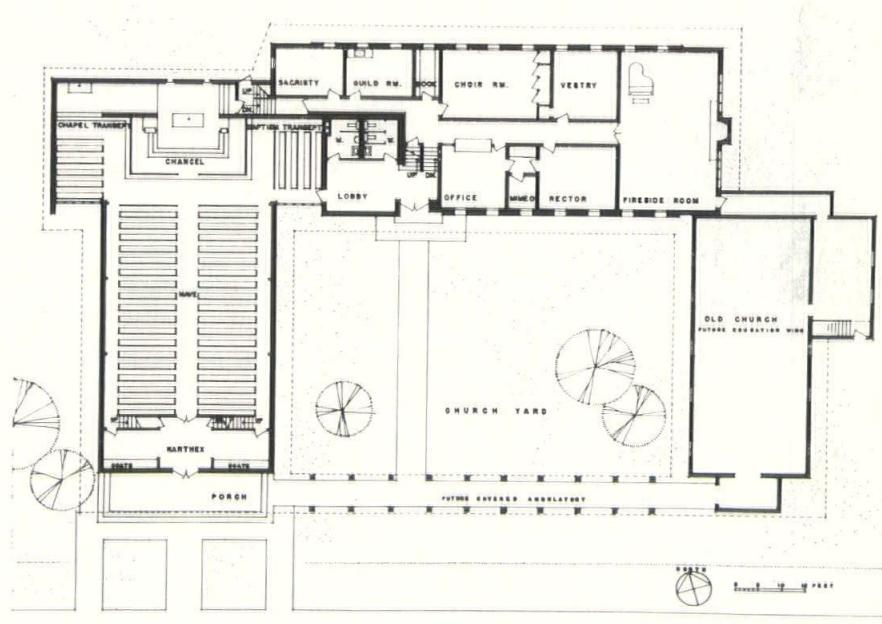
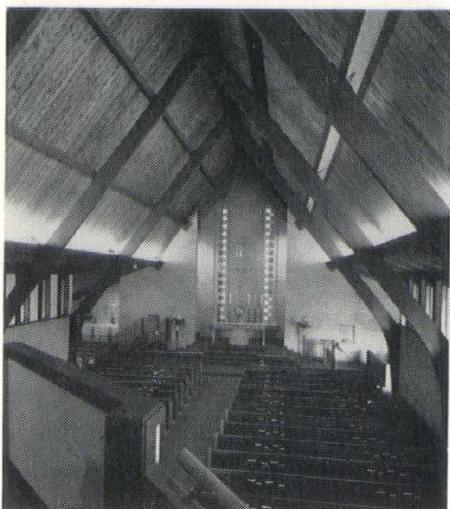
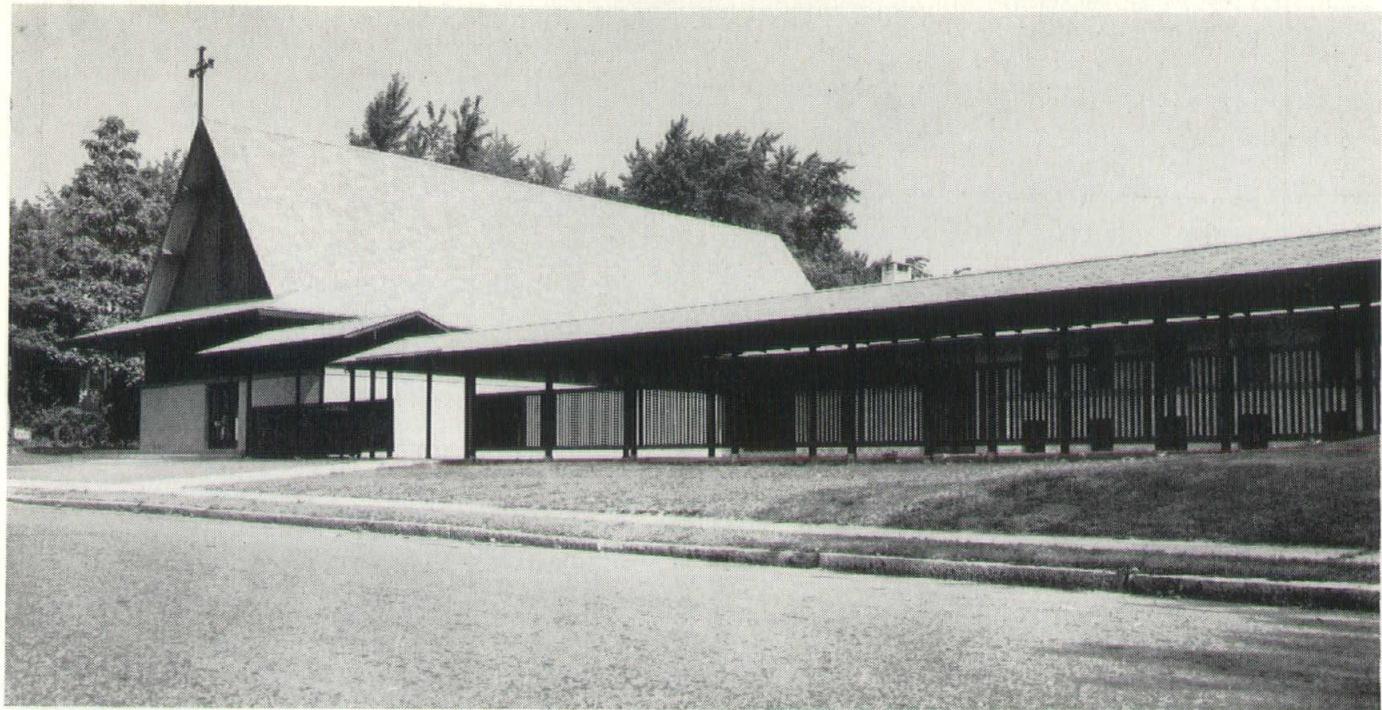
Control Console—Contains digital clock, digital indication of variables, visual and audible alarms, and intercom system. Master switches determine mode of operation of digital indication and logging. Switches include master on-off, off-normal scan, all-point scan, point hold, scan locked out, printer locked out, off-normal alarm release, audible alarm release, audible alarm locked out, and audible alarm test. Centralized security checks and alarms can be included also.

Data Logging Module—A high-speed, automatic digital printer provides the engineer with a permanent record of control data. Off-normal values are printed in red, normal values in black. With parallel print-out, all keys print simultaneously, thus speeding data collection. Logging rate is adjustable up to one point per second. Using Johnson modules, a single center can provide centralized supervision and control for as many as a dozen or more buildings!

JOHNSON **CONTROL**

PNEUMATIC SYSTEMS

DESIGN • MANUFACTURE • INSTALLATION • SINCE 1885



SAINT PAUL'S EPISCOPAL CHURCH SCHENECTADY, NEW YORK

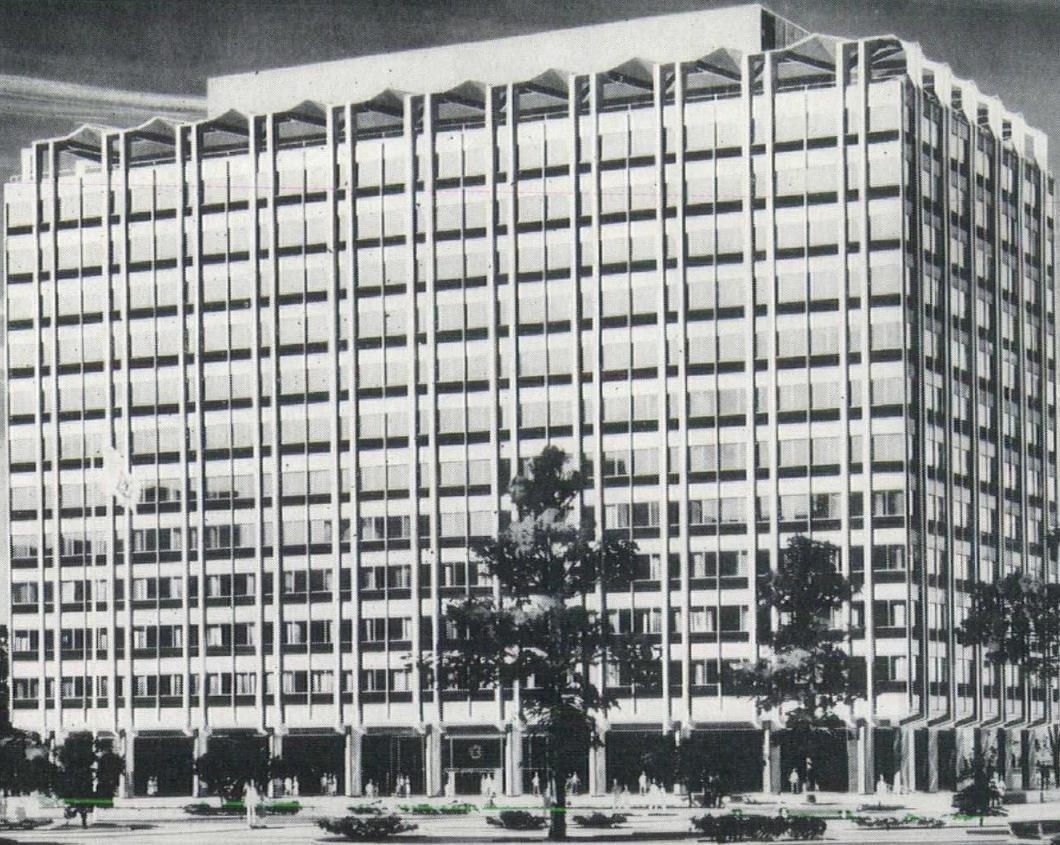
ARCHITECTS

**Van Der BOGERT,
FEIBES AND SCHMITT**

SCHENECTADY, NEW YORK

State of New Jersey, Department of Labor and Industry Building, Trenton.

Architects: Frank Grad & Sons, Newark, New Jersey ■ Gen'l Contractor: Belli Construction Co., Trenton, New Jersey



From **HAUGHTON** Elevonics* . . .

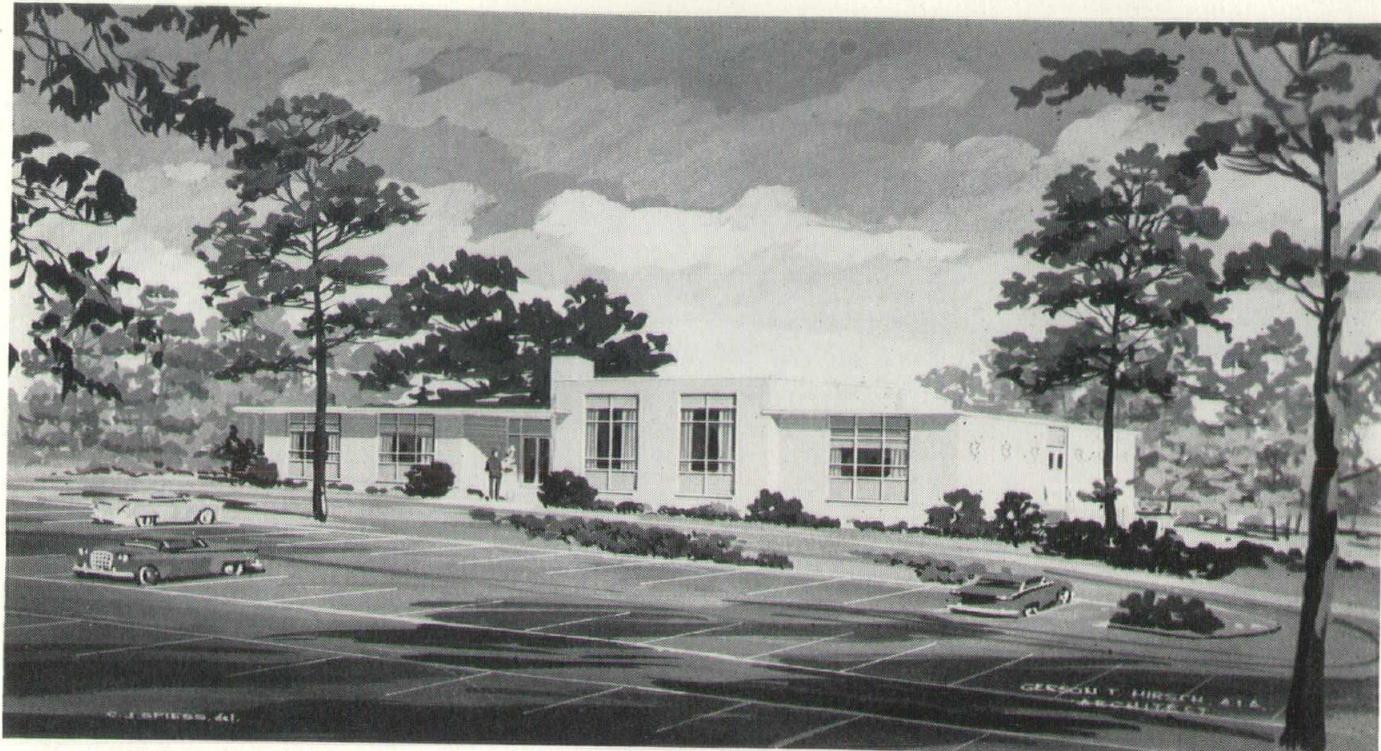
exciting new concept in elevating for an exciting new building

Buildings are for people. ■ And people who use the elevators in Trenton's new Department of Labor and Industry Building will enjoy speed, comfort and convenience that can be provided only by Haughton Elevators under fully-automated electronic control. ■ Not even peak demands at "coffee breaks" or rush hours can cause service to deteriorate. ■ An automatic electronic computer constantly receives and analyzes data pertaining to amount and character of traffic, and makes adjustments to match traffic needs exactly. ■ Such is the magic of Haughton Elevonics*, key to superior elevator performance in new buildings and old. ■ For complete information on our design, modernization and maintenance capabilities, contact your Haughton sales office (listed in the Yellow Pages), or write: Haughton Elevator Company, Division of Toledo Scale Corporation, Toledo 9, Ohio. ■ Passenger and Freight Elevators, Escalators, Dumbwaiters.

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RELIGIOUS SCHOOL — CONGREGATION EMANU-EL OF WESTCHESTER

HARRISON, NEW YORK

GERSON T. HIRSCH, ARCHITECT

Congregational Emanu-El of Westchester is constructing a religious school building on an eleven acre site in Harrison, N.Y. This group, whose religious school teachers are the parents themselves, have conducted classes in homes and various rented facilities in previous years.

Due to the contour of the land, a two-level plan was developed with the upper level at grade in front and the lower level at grade in the rear, providing several classrooms at that level as well as at the main floor. The first unit calls for ten classrooms, each designed for a sixteen student group. On the main level, movable partitions will permit four classrooms to become two meeting rooms, or, combined with part of the center hall, an assembly room for about 200. These expanded

spaces will also serve the congregation for religious services. It is anticipated that within the next few years two additional classrooms above and below will be added at each end, bringing the structure to a total of 18 rooms, and completing the school as shown in the rendering.

Construction of the building consists of tinted concrete block and curtain walls with enameled panels. Framing is of steel joists with concrete floors and light aggregate roof plank. Ceilings are of incombustible acoustic tile on a metal suspension system.

Electrical engineering was by R. C. Kleinberger. Other mechanical engineering and structural design by the architect's office.

This unit ventilator keeps young minds alert any season, any time of day!

This is the Herman Nelson HerNel-Cool III Unit Ventilator for school classrooms. Its graceful *architectural styling* conceals the most versatile and efficient year-round classroom air conditioning unit ever developed.

During the winter HerNel-Cool units provide perfectly distributed air for heating, ventilating, and natural cooling (with outdoor air). In warm weather they air condition classrooms and control humidity, creating a clean, inspiring atmosphere on the hottest summer days. Each unit in a system adjusts quickly,

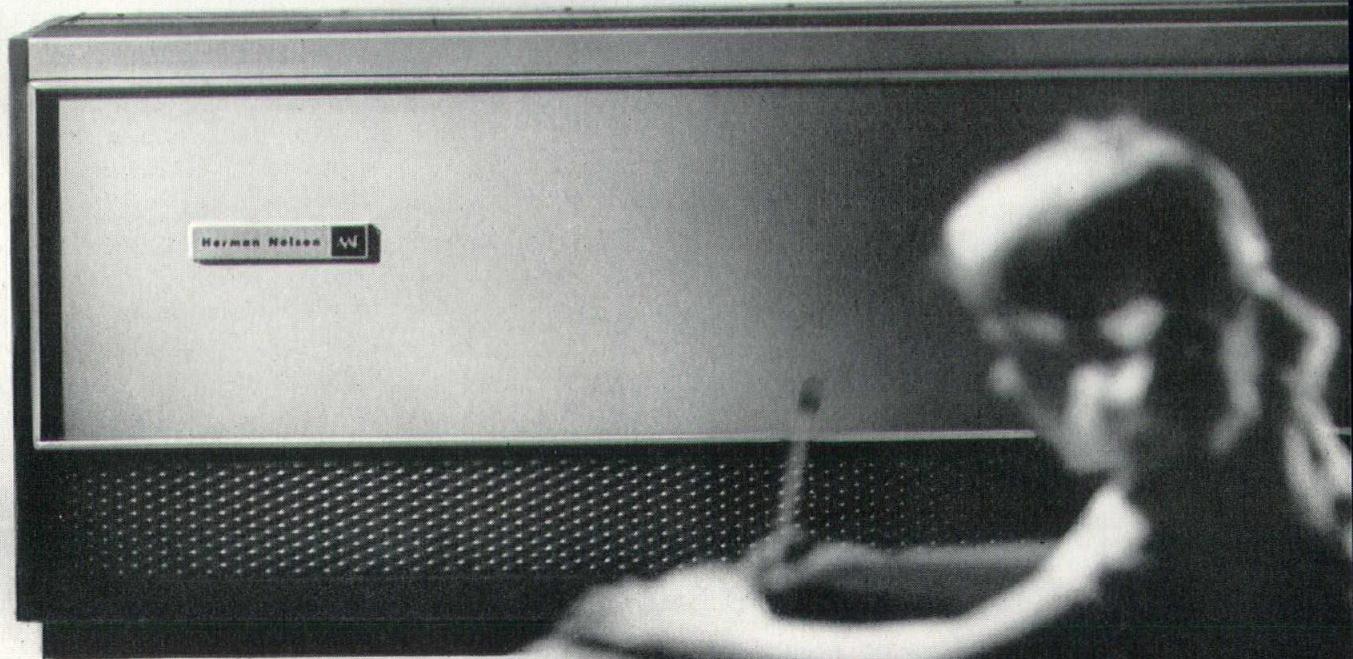
automatically to the thermal needs of the classroom at any time of day.

A HerNel-Cool Unit Ventilator can be installed now to serve as a standard unit ventilator (heating, ventilating, and fresh air cooling), and air conditioning can be added at *any time* in the future. What's more, the cost is in the *same* range as most "heat only" systems.

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Herman Nelson 
SCHOOL AIR SYSTEMS DIVISION

215 Central Avenue, Louisville, Kentucky



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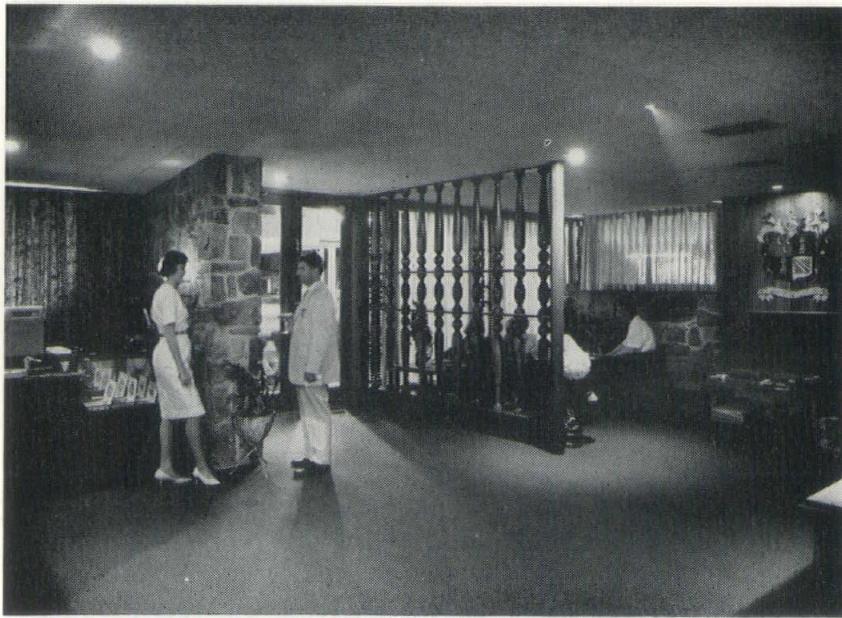
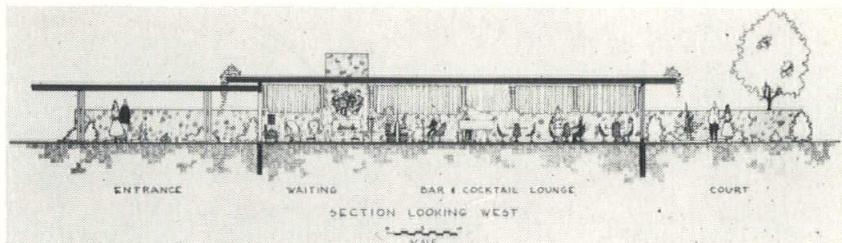
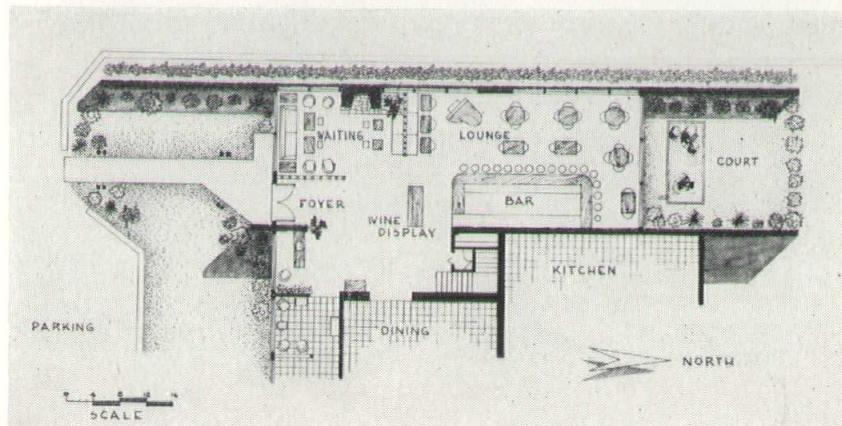
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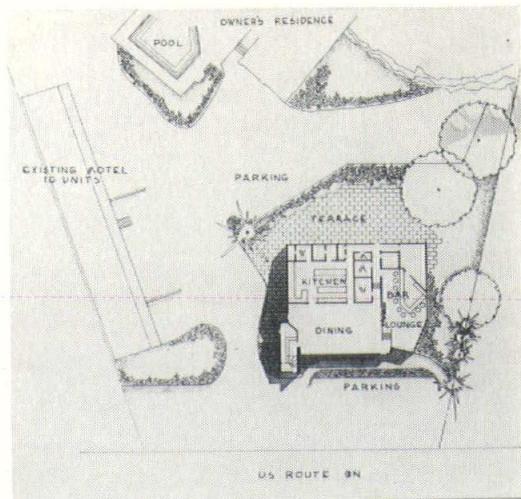
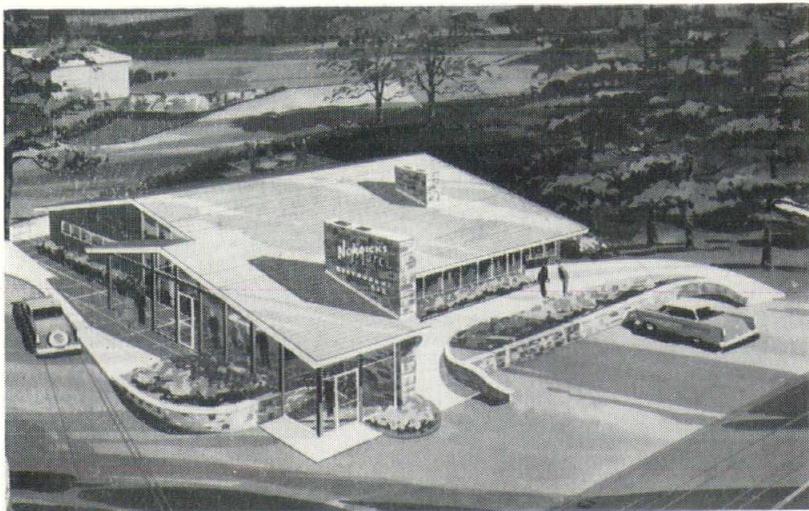
ELECTRICAL WORK
J. R. EARL & SONS

PLUMBING WORK
HORACE FINKLE

The Montcalm is on the main highway adjacent two main tourist attractions the restored pre-revolutionary Fort William Henry and the modern reconstructed gay-90's Gaslight Village. Catering to family groups this restaurant is highly regarded in this popular tourist area. The Waiting Area provides for the comfort of guests awaiting a dining table. Its living room atmosphere with raised hearth fireplace and lounge furnishings offset the "bar-room" connotation of the adjacent cocktail lounge.

Major use is made of local field stone laid in random rubble fashion in two long walls. Like the low parallel wall forming the west or street-side wall a high wall forms the interior finish behind the bar and extends beyond the grey tinted glass end walls to enclose a garden-like setting outside. These long walls are intended to minimize the effect of the remaining existing building while providing a strong theme from the entrance approach into and thru the cocktail lounge area. All lighting is recessed, on dimmers. Air conditioned throughout, windows are fixed heat reducing glass, grey in color to heighten the intimacy of interior spaces. Walnut paneling, deep red carpet, native stone walls and furnishings all were carefully chosen to provide an atmosphere of simple grandeur.



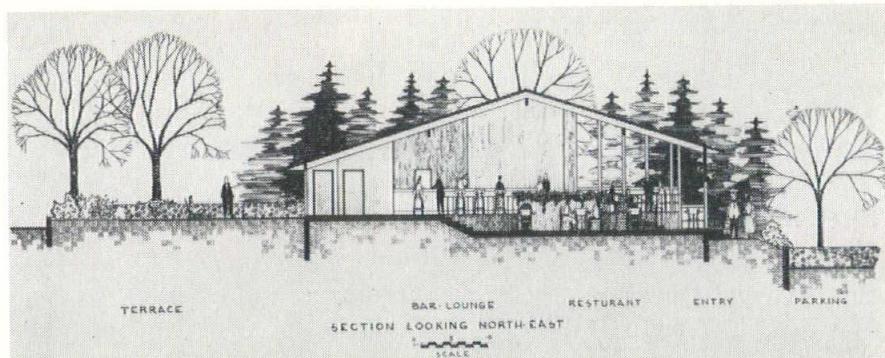


RESTAURANT AND BAR BUILDING LAKE GEORGE, NEW YORK

Built during Spring 1962 this facility replaces an old hotel building and complements the motel building on the same lot. Catering to motel guests and the general public, the structure also houses the motel office and reception area. These requirements together with a hillside lot dictated the plan that provides entrances both on the main road, U.S. Route 9N, and on the side facing into the lot toward the motel units. Rock ledges prohibited free use of the site.

Owner requested ease of surveillance from motel office of both dining room and the bar and vice-versa. From the raised bar one looks down on the dining room, and diagonally across it to the motel office.

Materials: Redwood vertical board exterior siding; Phillipine mahogany plywood interior wall finish, exposed beam roof system. Carpet on public area floors; ceramic tile in toilets.



ARCHITECT-ENGINEER —
BARKER & HENRY

OWNER —
RICHARD J. GUMUKA

GENERAL CONTRACTOR —
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ELECTRICAL WORK —
ROBERT GANTER

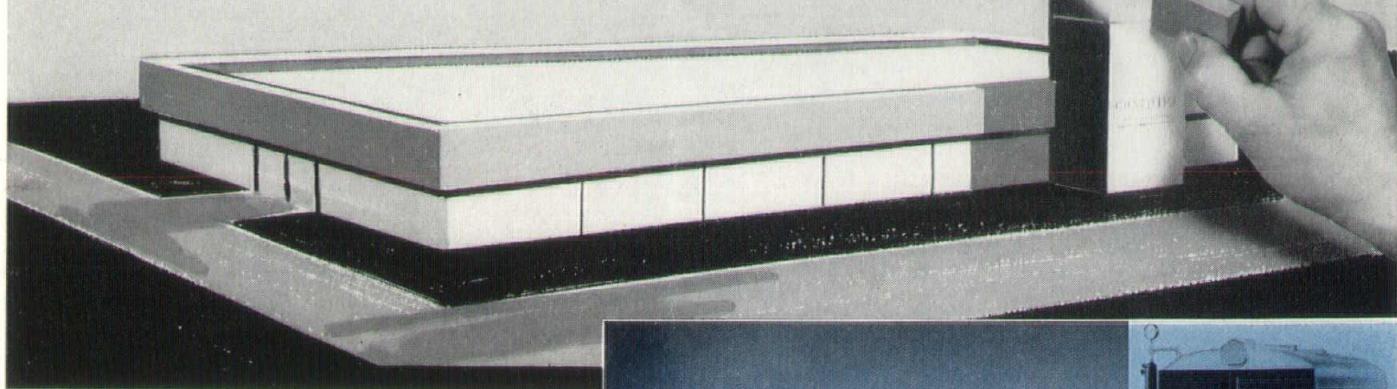
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With any 450 Mills oil or gas fired water tube boiler (sizes 1584 to 4120 MBH output) you provide these outstanding features:

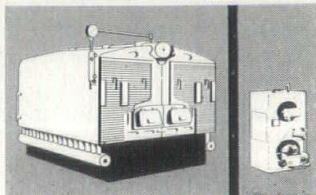
- Over 80% efficiency
- Stack temperature under 465°
- Lowest draft loss
- Shortest chimney height
- Unmatched durability

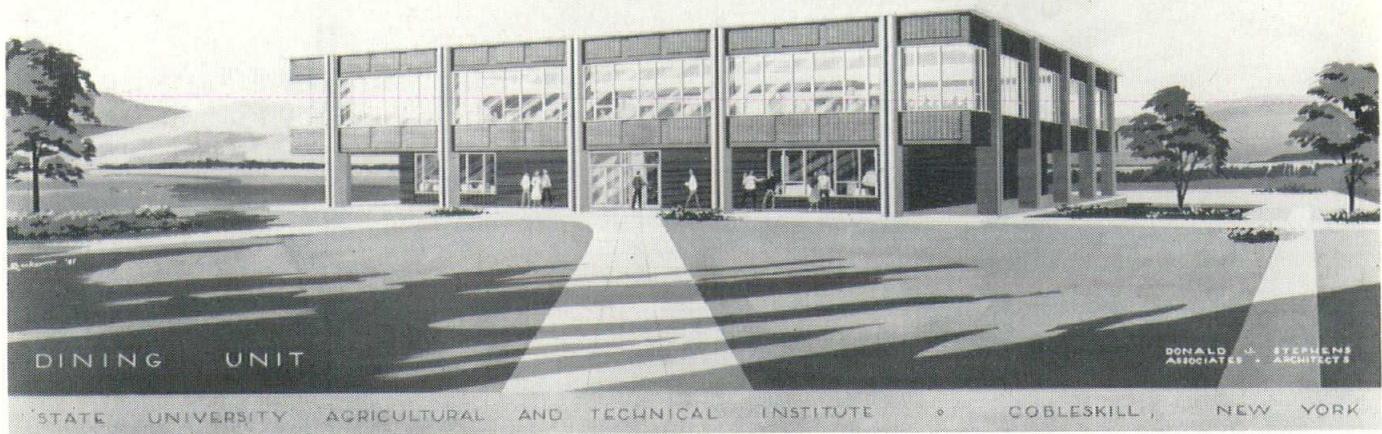


Compare these features with any other boiler in its class
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general contractor
Baldwin Drums, Inc.

Baldwin Brains Inc., Second, N.Y.

plumbing work •

American Plumbing Supply Inc., Schenectady, N.Y.

heating and ventilating work

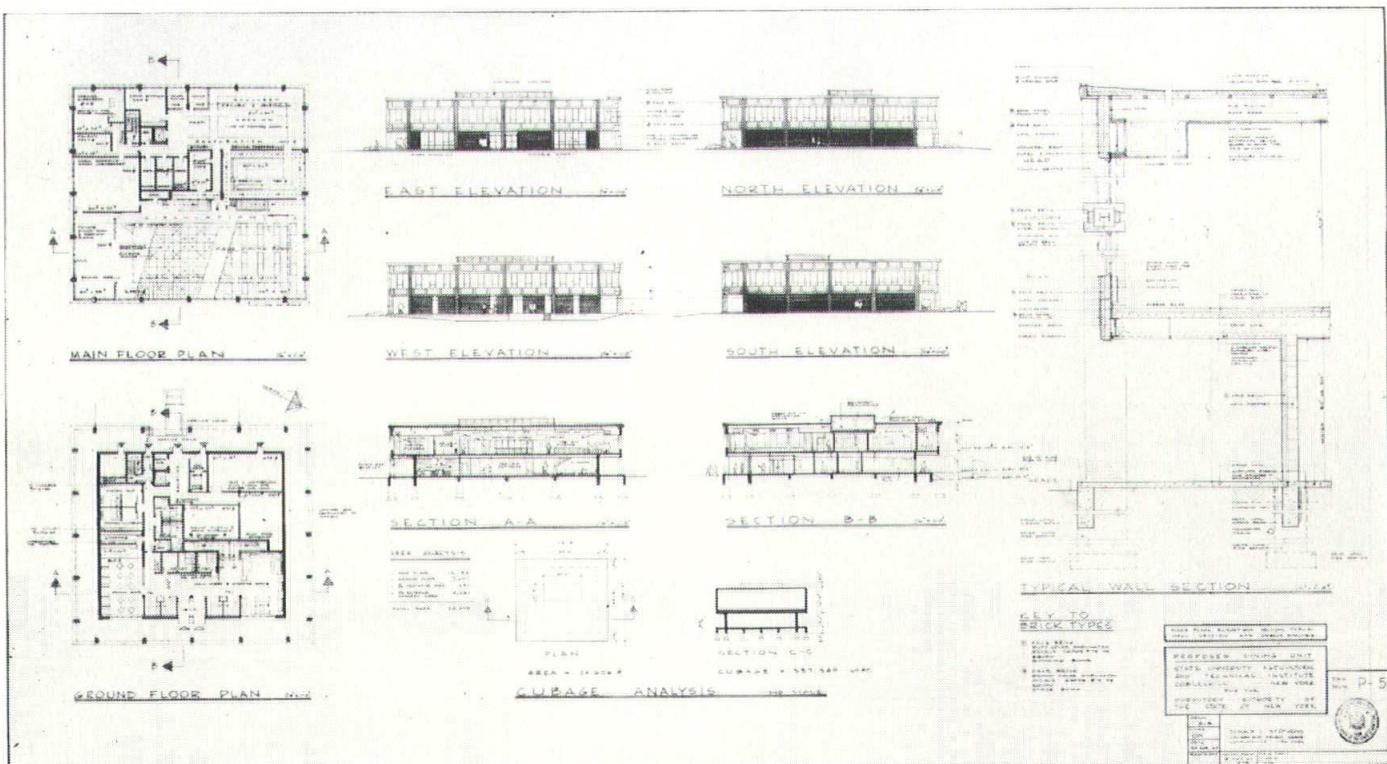
heating and ventilating work
Myers-Laine Corp., Utica, New York

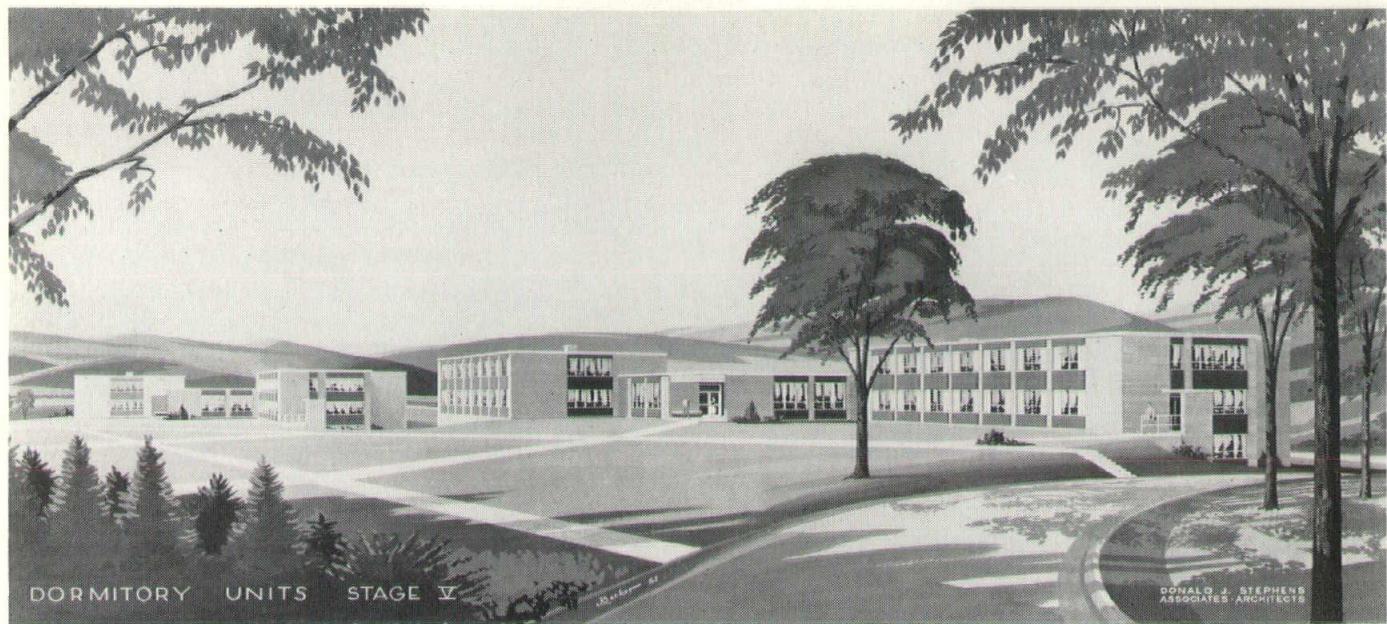
electrical work

Liberty Electric Co., Inc., Schenectady, N.Y.

Final learning environment

food service equipment
Loring Equipment Co., Albany, N.Y.





DORMITORY UNITS A & B STAGE V

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The State of New York

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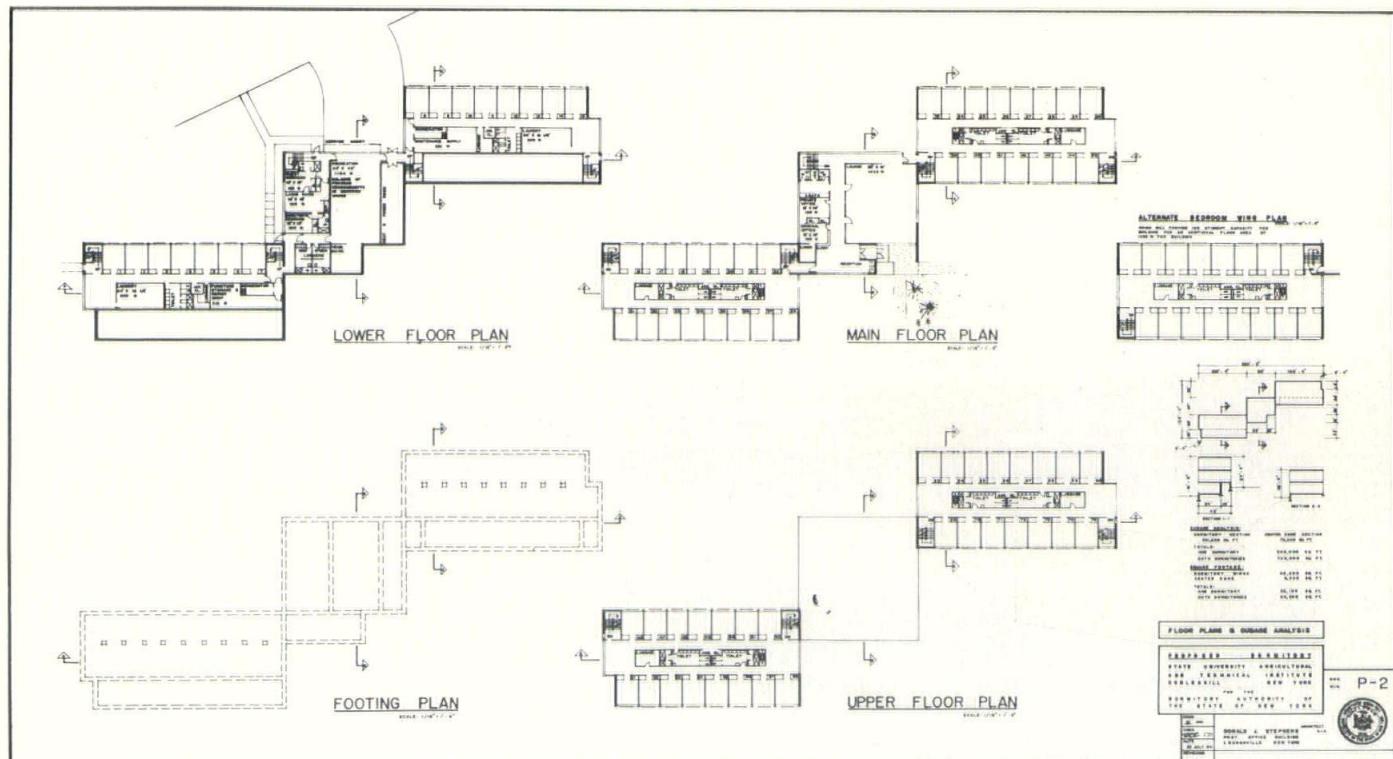
Thompson Construction Corp., Albany, N.Y.

plumbing, heating and ventilation •

Trojan Hardware Co., Inc., Troy, N.Y.

electrical work

Clifford R. Gray Inc., Schenectady, N.Y.



LETTER TO THE EDITOR

GERSON T. HIRSCH, AIA, ARCHITECT
PLEASANTVILLE, N. Y.

Dear Sam:

Some time ago you printed some paragraphs requesting criticism (presumably constructive) from the membership—so I would like to make a few comments, as follows:

As the NYSAA has no separate newsletter (such as the AIA Memo), I think it would be appropriate for the ESA to include more of the doings within NYSAA for the information of the membership at large.

A couple of years ago the post-convention issue carried all the *Resolutions*, even including the formal ones thanking all and sundry, but did not contain any of the meat of the convention, either as to Association business or as to lectures or seminars. I would like to see some real coverage of the convention go out to all members, and only the ESA can achieve that.

Also, I would like to see accounts of actions taken at Board Meetings (excluding, of course, any matters that should be kept relatively confidential), and the doings of any important committees.

It is, of course, true that each constituent organization has a Director, who reports back on Board Meetings, and that Chapter Presidents get minutes of those and the conventions. But even if these are rehearsed at Chapter Meetings (and often they aren't), what percentage of the total membership is usually on hand?

In short, I think that the business and activities of NYSAA should be continuously and interestingly presented to its members at large, beyond presidential or directorial messages, and perhaps, in lieu of some of the belated news from the constituents. Only ESA can currently do this job.

Thanks for listening, and best regards.

GERSON T. HIRSCH

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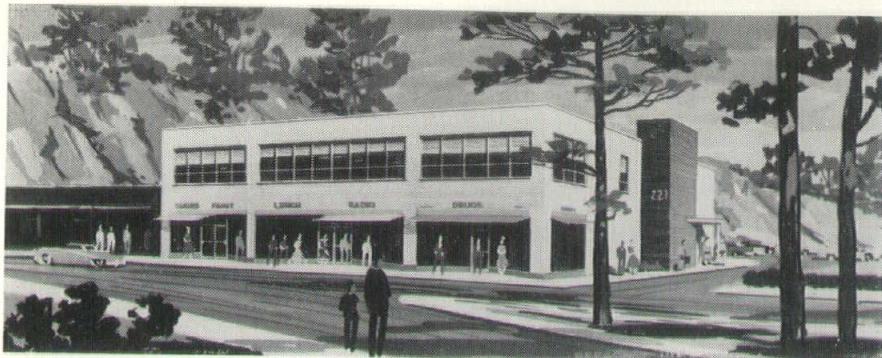
Please have representative call

NAME

ADDRESS

CITY

STATE



Exterior walls of this two story and basement store and office building are faced with ceramic-glazed brick in flecked white, with the projecting elevator tower a strong blue. Store fronts are of alumilited aluminum sections with concealed awning boxes, and a dark granite base below the plate glass windows. Heating and air-conditioning of the stores is ceiling-hung, gas-fired units with distribution ducts, having air-cooling condensers on the roof.

Building dimensions are 80' front, 88' rear, and 70' in depth. Except for the elevator lobby and stairs, the first floor is devoted to five stores ranging from 11' to 23' in width, each with a basement storage area at the rear. Loading bay and 28 parking spaces are provided behind the structures.

OFFICE BUILDING FOR CHARLES H. SELLS, INC. PLEASANTVILLE, NEW YORK

ARCHITECT — GERSON T. HIRSCH

STRUCTURAL DESIGN —

SITE PLANNING —

OUTSIDE UTILITIES —

CHARLES H. SELLS, INC.

MECHANICAL ENGINEER —

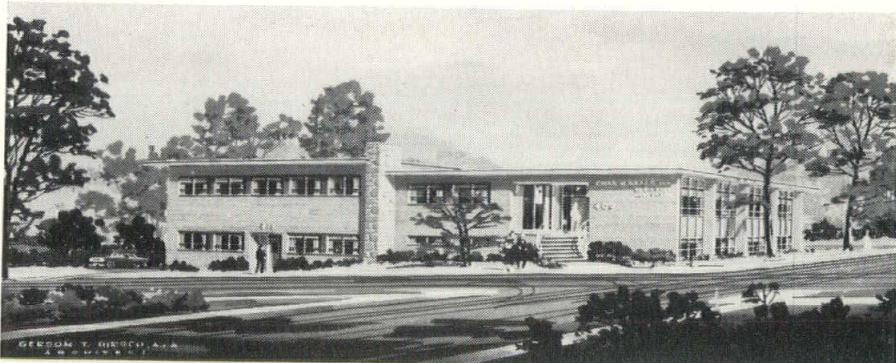
HERBERT STURMAN

ELECTRICAL ENGINEER —

RICHARD C. KLEINBERGER

This two level office building under construction will be occupied by Charles H. Sells, Inc., civil engineers and surveyors. Mr. Sells, head of the firm, is a former New York State Superintendent of Public Works. Exterior treatment will be of norman brick in a warm buff color and similarly tinted block, with one wall of curtain construction and tile panels in blended tones of blue-green. Concrete slabs and mineralized fiber plank steel joists, form the floor and roof construction, respectively. Polystyrene board insulation is provided under the built-up roofing.

Containing approximately 6,500 square feet on each floor, its central core consists of a 20' x 20' fireproof vault running through both stories, to house original maps, plans, and other irreplaceable records forming a major asset of this company. The main drafting room on the upper level affords 3,000 square feet of uninterrupted area, for about 45 persons. Other facilities on



this floor are reception lobby, accounting office, printing room, five private offices, and a library-conference room, several of which will be wood paneled.

The lower floor, houses the mechanical plant, and will contain additional drafting or office space, coffee room, garage, equipment storage, and rear entrance lobby for draftsmen and survey crews.

The building will be fully air-conditioned by a hot water and chilled water system to air-handling units in various zones.

In addition to the five survey wagons kept in the garage, parking is provided for 18 cars, with driveways at both streets. The company will install its own gasoline tank and pump. Several large trees on the perimeter will be retained, and the street fronts of the site attractively landscaped.

Contractors for the work are P. M. Hughes and Sons, Inc., of White Plains, general construction; Louis Montagnon, Inc., of Hawthorne, heating and air-conditioning; and Harshey Electric Co., Inc. of Yorktown Heights, electrical.

STORE & OFFICE BUILDING HARTSDALE, NEW YORK

ARCHITECT — GERSON T. HIRSCH

OWNER — W. B. MANEE

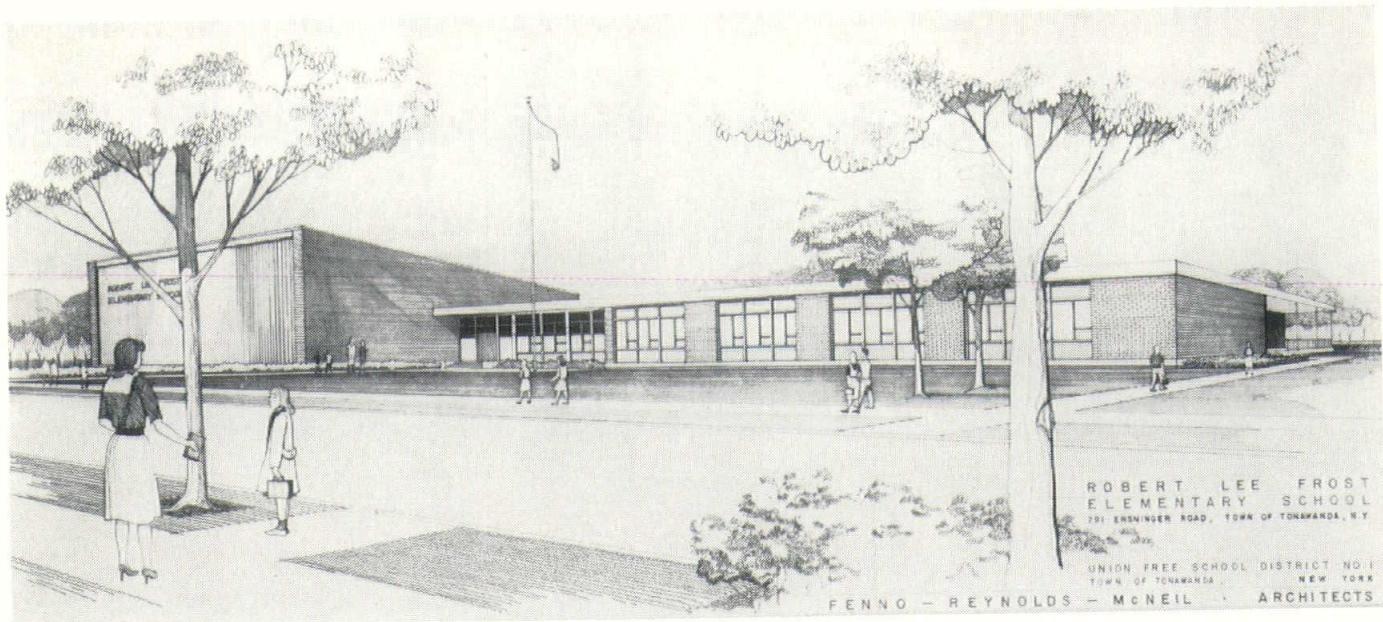
GENERAL CONTRACTOR —
FAIRCHESTER BUILDERS INC.

HEATING & AIR COND. WORK —
LOUIS MONTAGNON INC.

ELECTRICAL WORK —
FIELD ELECTRIC CO., INC.

SITE WORK —
SAN MARCO CONSTRUCTION CO.

The second floor contains seven office suites of various sizes, which can be combined or further subdivided. Year-round air-conditioning for this floor is by a central plant delivering hot or chilled water to thermostatically controlled air-handling units. Acoustic ceilings are featured in the office areas. Entrance to the elevator lobby is under a protective canopy at the side of the building.



ROBERT LEE FROST ELEMENTARY SCHOOL CHAPTER HOUSE

owner •

Union Free District No. 1

Town of Tonawanda, N. Y.

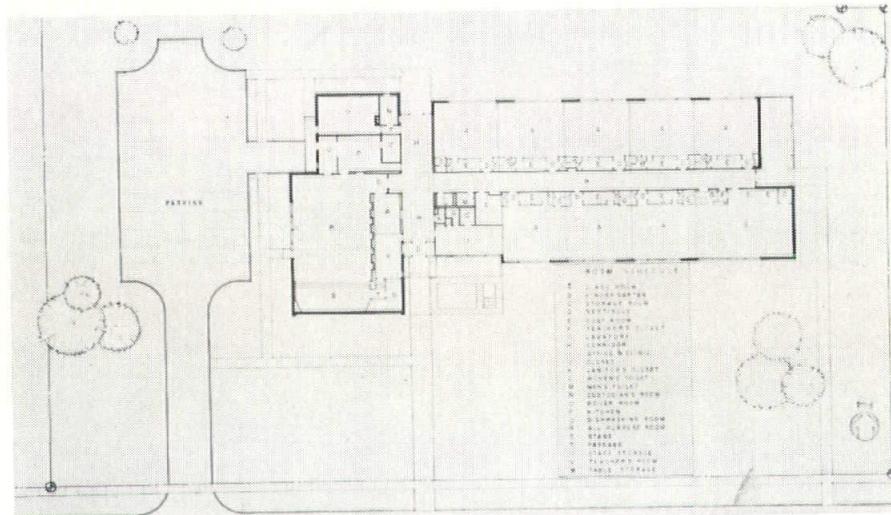
location •

Tonawanda, N. Y.

architects •

Fenno-Reynolds-McNeil

Buffalo, New York



Robert Lee Frost School, was designed to take care of the primary grades (Kindergarten, thru Second Grade).

It contains eight classrooms which are typical of the more recent elementary schools in the District. This classroom was designed in 1955 in collaboration with the School District personnel and reflects their combined thinking as to what an elementary classroom should contain. The classroom design, it's long side facing the exterior, is an almost square teaching area of 770 sq. ft. based on a 15'0" module and containing a gross area of 978 sq. ft.

A buffer area consisting of classroom storage, entrance vestibule, pupil coatroom, teacher coatroom and storage, separates the teaching area from the corridors. The rooms assigned for primary grades also contain a toilet and lavatory in this buffer area.

Other features of the classroom design include a working counter across the rear of the room with a stainless steel sink built into the plastic covered counter top. At the window end of this counter is a bookcase to serve the individual classroom needs, adjoining the bookcase are two 3'4" wide sections of wall hung cupboards for general classroom storage. Below the work counter are a series of drawers and cupboards to house

the variety of materials used in the modern classroom. At the window wall is the unit ventilator which introduces fresh air into each room. This unit is flanked by a series of metal storage cabinets, some with doors and some with open shelves. The top of the cabinets have a plastic surface which make it very serviceable for display purposes.

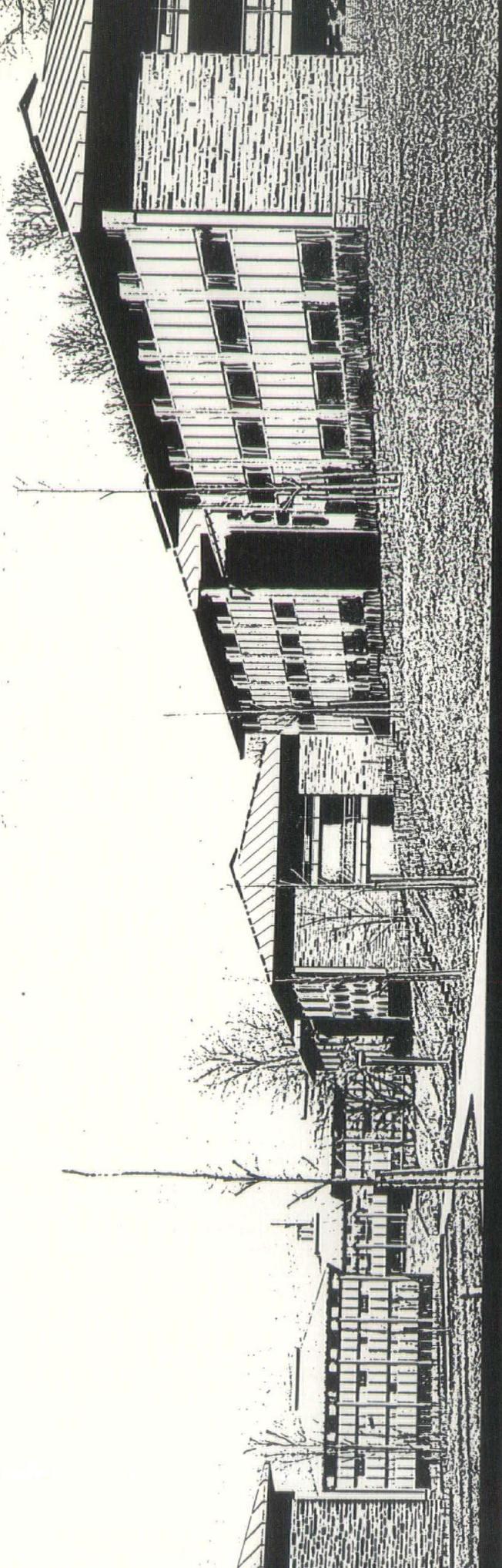
Each classroom has a generous amount of glass chalk board and of cork tack board. The floors are covered with pure vinyl tile, the plaster walls are painted in two harmonizing tones and the ceilings are acoustic tile mounted on a gypsum back board to comply with the fire underwriters requirements and provide maximum safety for the occupants. Each classroom is provided with an escape window to insure complete egress from the room under any emergency.

The rooms are illuminated with continuous rows of fluorescent lights, electric clocks, intercommunicating telephones and strategically positioned service outlets complete the appointments of each room. A race way is provided to each classroom for future use for closed circuit T.V. facilities.

(Continued on Page 36)

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The new Ithaca College Dormitories are financed by a government loan so the rents must finance the building. This meant a very tight budget. Actual bids were \$14.00 per square foot or a building cost of \$2,900.00 per student against a national average of approximately \$4,000.00.

Contrary to uninformed opinion, this proves that stone can be used on low budget structures to create fine architecture.



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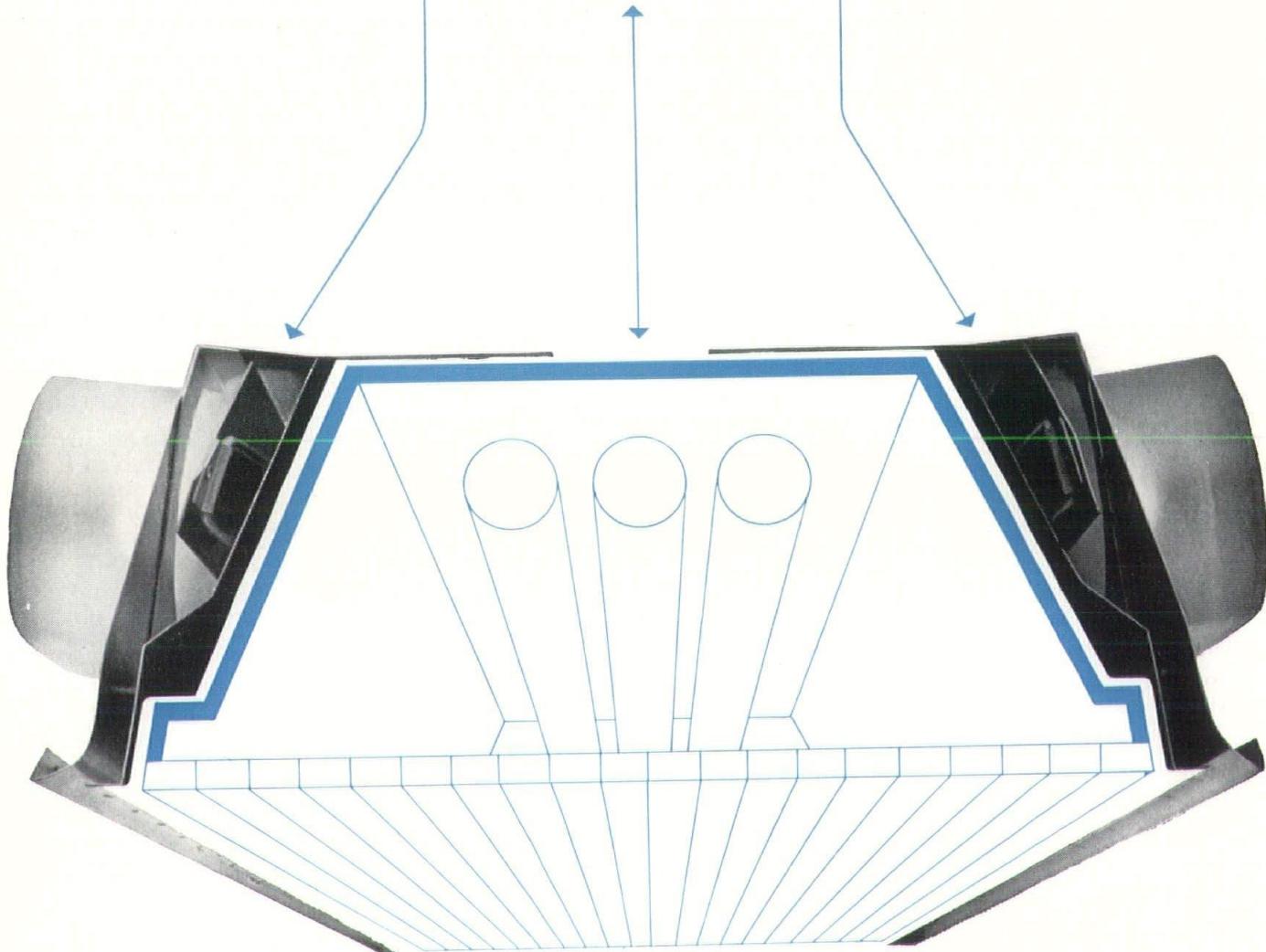
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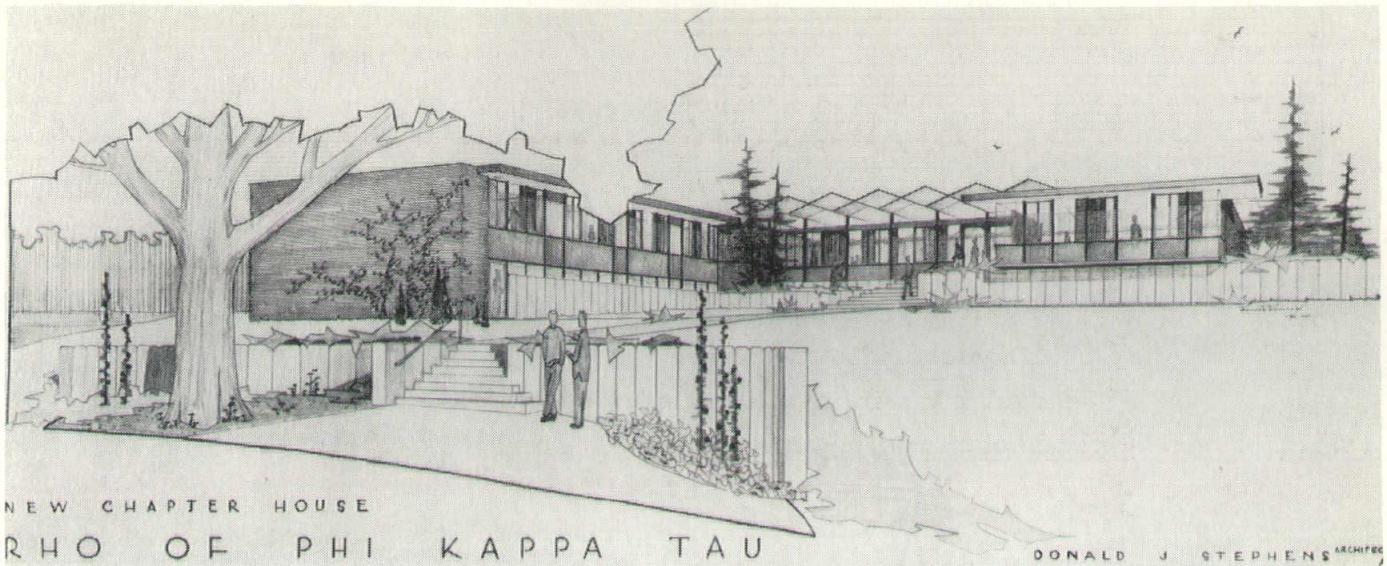
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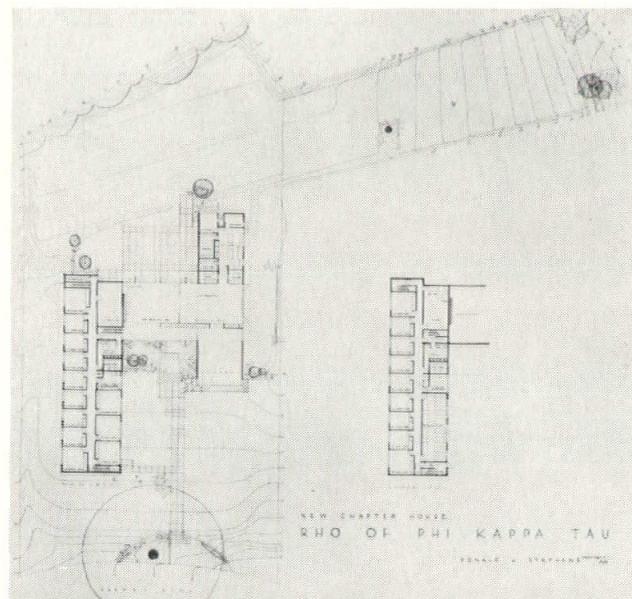
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above and right
CHAPTER HOUSE
RHO OF PHI KAPPA TAU

location •
 Troy, New York
 architect •
 Donald J. Stephens
 general contractor •
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 Co. Inc., Albany, N. Y.
 mechanical work •
 Anderson & McElligott
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in IRVINGTON
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10 South Broadway

in EAST ROCKAWAY
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Zimms
58 Main Street
Phone: LY 9-6049

in SYRACUSE
Dick Jackson
Colvin Station
P.O. 209
Phone: HOward 9-2450

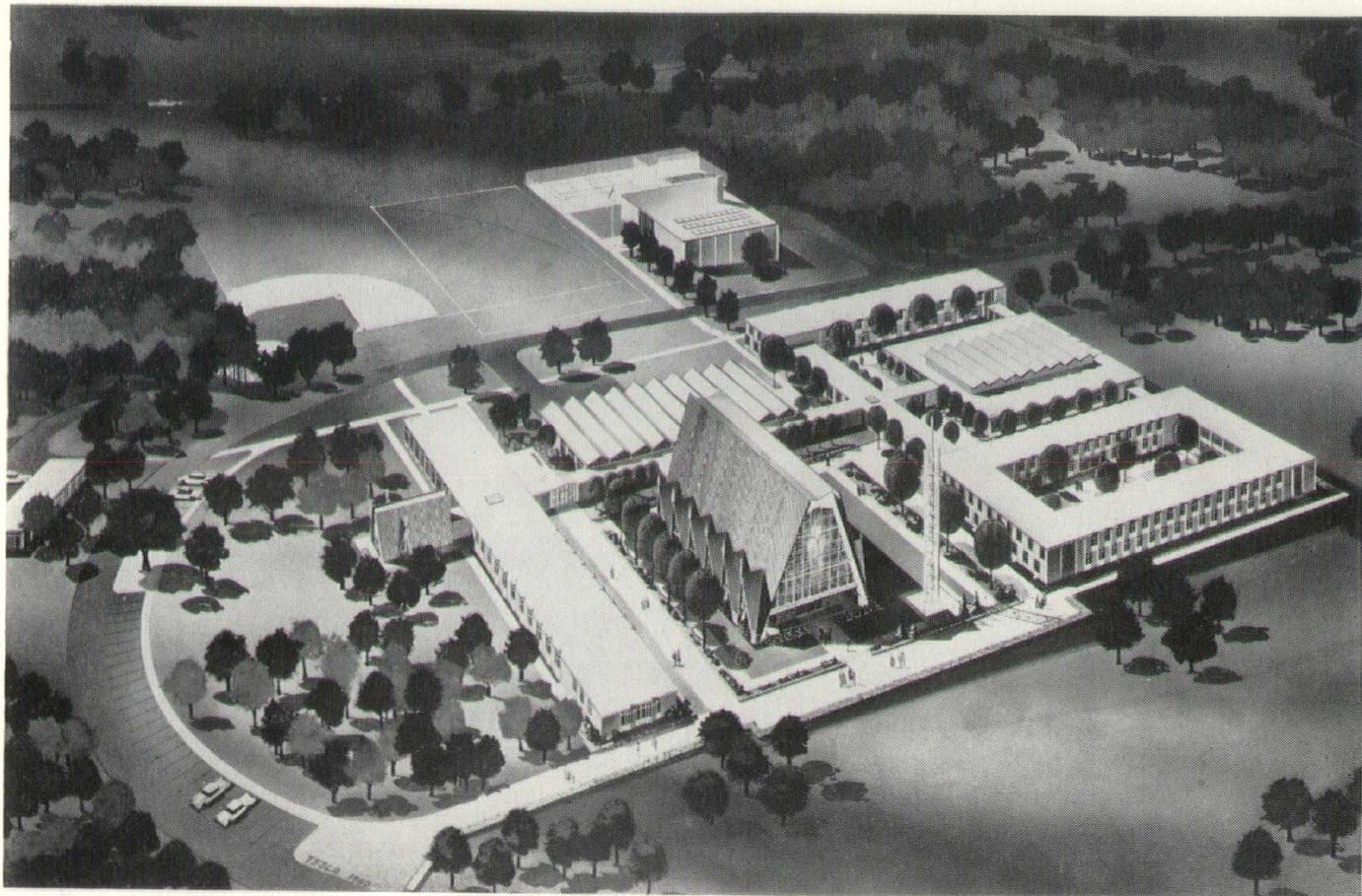
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in DE WITT
Thomas Storrier
208 Cornwall Drive
Phone: Gibson 6-0977



SEMINARY OF OUR LADY OF ANGELS

architects •

Urbahn, Brayton & Burrows

location •

Glenmount, New York

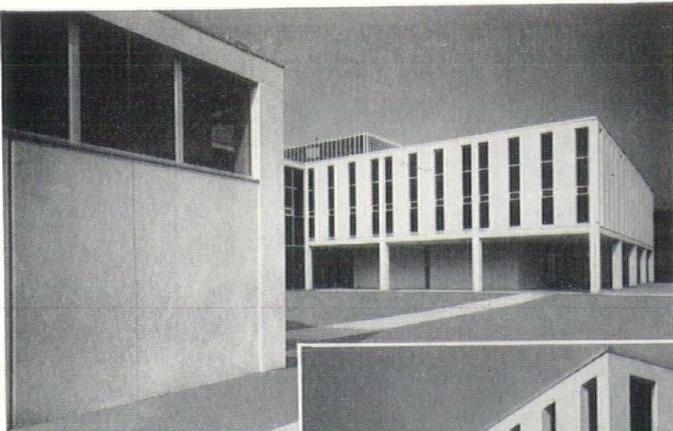
owner •

Congregation of The Mission
of St. Vincent de Paul

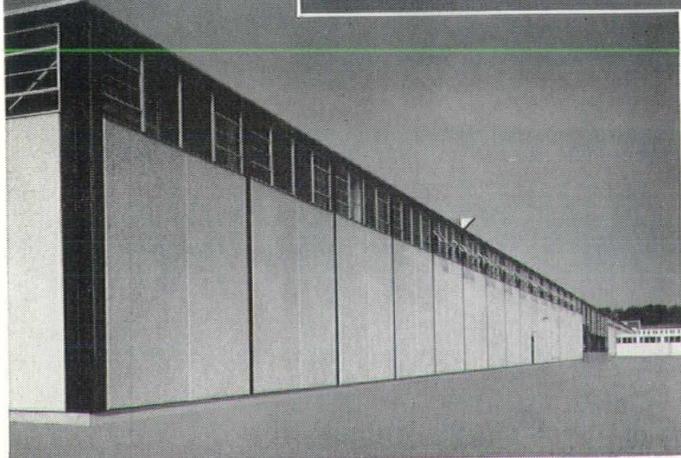
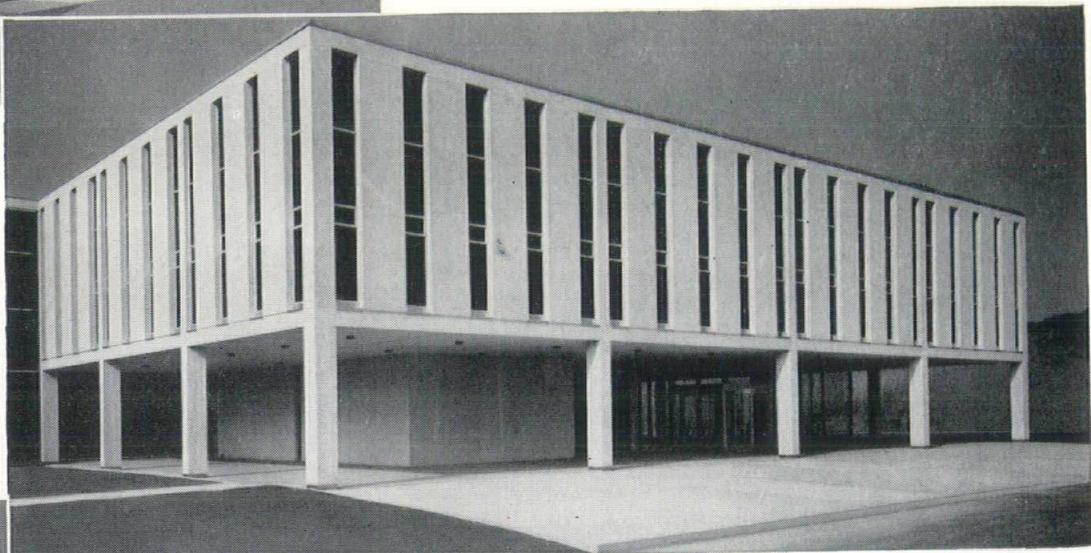
On a spacious 250-acre site near Albany, N.Y., this Seminary has been designed as a combination of modern architecture and traditional craftsmanship. It will provide a six-year program of study for 100 philosophy students and 150 theology students. The 73-foot tall high-arched main chapel, the focal point of the building-complex, was designed to convey the majestic effect of Europe's Gothic cathedrals. It is surrounded by a sunken court and a number of interior gardens. The steep copper batten roof, which also constitutes its side walls, is supported by seven tall structural arches. The two end arches frame the east and west window walls. These will be of brilliantly colored glass, reminiscent of early religious stained glass techniques. The stonework and bricks used in the Seminary have been selected to impart a medieval "hand-made" character.

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Overall, approximately 75,000 square feet of Marzaic exposed aggregate wall panels were specified; a total of 700 panels which were quickly anchored to the steel frame by clips, angles and bolts. In the manufacturing section, almost 400 panels were erected in only 20 working days. Panels are 6½" solid, lightweight concrete with interior exposed surface.

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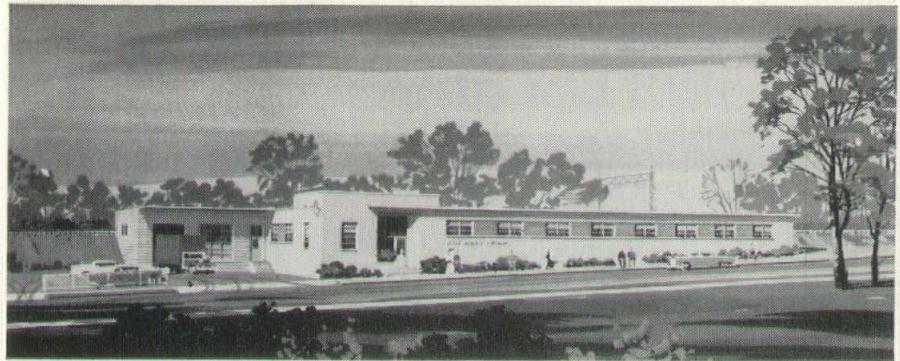
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PAM CLOCK BUILDING

NEW ROCHELLE, NEW YORK

ARCHITECT — GERSON T. HIRSCH

GENERAL CONTRACTOR —
AGOSTINELLI & CALGI

HEATING & AIR COND. WORK —
LOUIS MONTAGNON INC.

ELECTRICAL WORK
CARROLL-RATNER CORP.

Taking advantage of the sloped site the architect placed the loading platform, for both receiving and shipping, at the downhill end. The level thus established continues through the entire building as a single floor elevation. The office entrance, further up the slope, is reached by a few steps, and an emergency exit at the rear end is at grade level. A paved parking area near the loading dock is set back of landscaped borders, and will accommodate 24 cars.

The main manufacturing, assembly, and packing operations will take place in a clear central space 38' wide and 133' long, daylighted by two large insulated plastic skylights. Additional area at the rear, will serve as the warehouse for materials, and semi-finished products. Nearer the main entrance, with its high glazed front recessed behind a planting box, will be general and private offices, art and experimental departments, and an employee lunch room with kitchenette facilities.

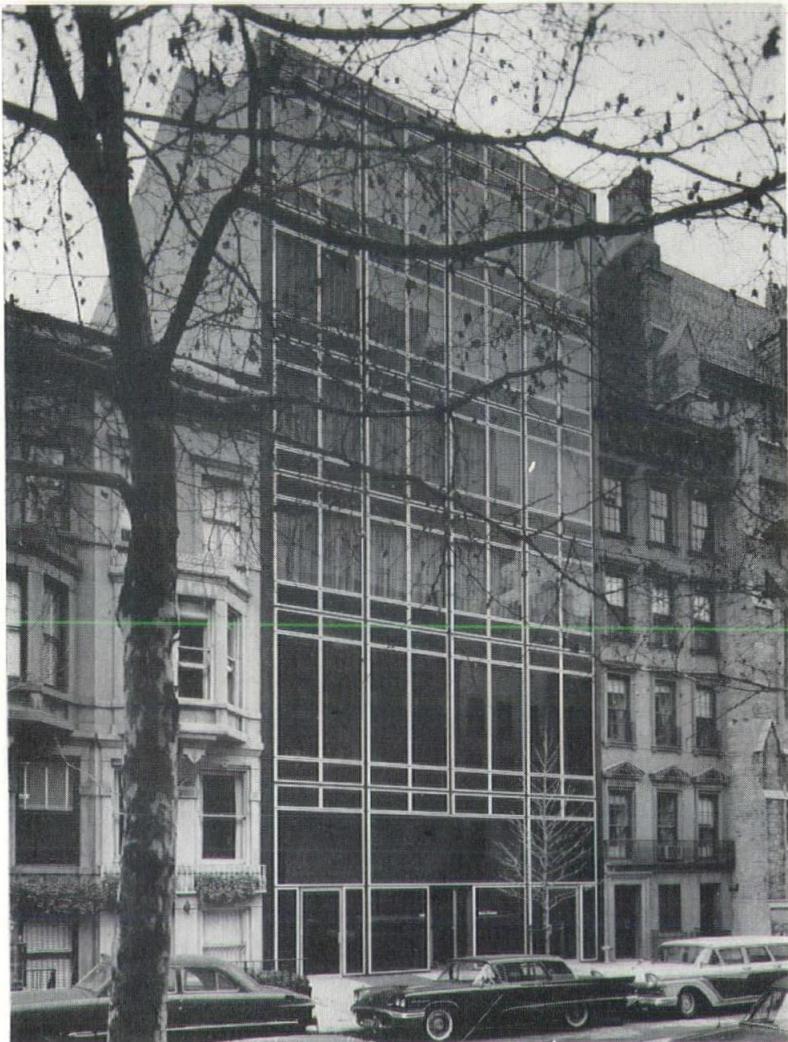
Although primarily a concrete block structure, the front and side of the office section are faced with sanded brick, chiefly of warm buff color, with the panels between windows a gray-brown tone. Windows and

entrance frames are of alumilited aluminum, as are the identifying signs. The rear wall, cut into the railroad embankment, is constructed as a reinforced concrete retaining wall. Steel columns and girders support steel joists and light weight mineralized wood fiber and cement slabs, providing a relatively sound-absorbent light-reflective ceiling for the factory section. While this slab has some insulating value, an additional layer of sealed-in styrofoam is provided on the roof. Hung ceilings of acoustical tile and asphalt tile floors are provided in the offices. Floors in the factory sections are steel-trowelled concrete with a hardening sealer added. Interior partitions are concrete block and steel-and-glass. The loading doors are wood roll-up type with electric operators.

Air-conditioning is by a year-round system of hot or chilled water circulated from a central plant to fan-coil units in the several areas, affording individual thermostatic control for each. In modern rate weather, fresh air is brought in by this system while two large fans exhaust air in equal volume. Complete sprinkler protection is included, with alarm connection to the city fire department signal system.

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ASIA HOUSE, 112 East 64th Street, New York City

Philip Johnson Associates, Architects

We salute Philip Johnson Associates, Architects, for their award-winning ASIA HOUSE, selected by the Fifth Avenue Association as the best new institutional building erected in its area for the past two years.

Hope's engineers were privileged to work with the architects from the earliest design stages in developing window details suitable to properly carry out structural and functional requirements.

ASIA HOUSE has two similar multi-story eleva-

E. W. Howell Company, Contractors

tions, one at each end of the building. All windows are Hope's Heavy Intermediate steel sash set to structural steel. The opaque areas are glazed with spandrel glass, others with plate glass.

This is another fine example of the freedom of design and versatility provided for today's most imaginative architects through the strength and rigidity of properly designed steel window sections. We invite your inquiries.

HOPE'S WINDOWS, INC., Jamestown, N. Y.

HOPE'S WINDOWS ARE MADE IN AMERICA BY AMERICAN WORKMEN



PRESIDENT'S MESSAGE

As I review the past year as your president I feel I must express deep gratitude to my fellow officers, committee members and all the membership for their valued assistance in the performance of my duties.

Much can be said about the work accomplished—but you will hear about that in the Committee reports. But this much I will say: I believe there is a greater awareness among the membership of the meaning of the State Association. Some evidence of this can be seen by the nature and volume of the material contributed for publication in the Empire State Architect. This is the medium available to the general membership for the exchange of ideas on a year round basis and I would encourage greater participation by the membership at large.

At this Convention you will elect a new president. To enable as many others as possible to have the opportunity to serve you in this capacity I "chose not to run". This meets with the "Sense of the Convention" expressed at Saranac in 1961, to conform with the policy adopted by the American Institute of Architects at the Philadelphia Convention in 1961 limiting the term of the office of the president to one year.

I congratulate the new officers and wish them a successful administration.

With thanks for the many honors bestowed upon me,
I am

Most sincerely,

FREDERICK H. VOSS

NEW YORK STATE ASSOCIATION OF ARCHITECTS

Expanded Architectural Services

PROGRAM

WEDNESDAY — October 10

- 1:00 p.m. Registration opens
Informal luncheon with friends
- 3:00 p.m. Meeting of the N.Y. Regional
Council AIA
- 6:00 p.m. Host Chapter Cocktail Party
Opening of the Architectural and
Commercial Exhibits
- 7:00 p.m. Dinner with your friends
- 9:00 p.m. Informal entertainment—dancing

THURSDAY — October 11

- 8:00 a.m. Breakfast
- 9:00 a.m. Registration and Hospitality
Area open
- 9:45 a.m. Opening business session, NYSAA
- 10:00 a.m. Ladies program—Putting, Shopping
- 1:00 p.m. Luncheon—Golfers' Box Lunch
- 2:00 p.m. Open afternoon for recreational
activities
- Meeting of the Resolutions Committee
- 6:00 p.m. Commercial Exhibitors' Cocktail
Party
- 7:30 p.m. Annual Banquet
Master of Ceremonies—F. A. Evans,
jr., Conv. Chmn.
- Introduction of Speakers—Frederick
H. Voss, Pres.
- Speakers—Arthur Gould Odell, jr.,
FAIA, 2nd V.P., AIA
- Harry Stuhldreher, Public
Relations Dir., U. S.
Steel Corp.
- 9:30 p.m. Informal entertainment—dancing

CONVENTION CHAIRMAN

Are you looking for a good program? . . . Glance at the pages . . . we think you will like it . . . A seminar on expanded services that should interest every architect . . . Not a "Cloud 9" discussion of abstract theory . . . This will be a down-to-earth presentation of a successful project—Rochester's Midtown Plaza . . . Among the panel members will be Angelo Chiarella, of the Office of Victor Gruen Associates, architects for the project.

Do exhibits interest you? . . . Almost fifty of the top-notch manufacturers will display their products, with representatives ready to discuss your particular problems . . . You will like the architectural exhibits, too, of your fellow architects . . . We are asking participating architects to supplement the usual photograph-and-plan layout with details explaining how difficult problems were solved.

Do you need a little recreation? . . . There will be a golf tournament for those so inclined . . . For the others, dancing, a trip to Whiteface, a boat ride, a real Beaux Arts Ball, gala social evenings, or a chance to relax in the wonderful North country . . . We haven't forgotten the ladies . . . there will be a special program that will appeal to them.

These are a few of the highlights . . . Many more will be on the program . . . We hope to see you at Whiteface Inn.

F. A. EVANS, JR., A.I.
Convention Chairman

ANNUAL CONVENTION 1962

WHITEFACE INN
LAKE PLACID, N. Y.

Expanded Architectural Services

PROGRAM

FRIDAY — October 12

8:00 a.m. Breakfast

President's Breakfast (for presidents
of constituent organizations only)

9:00 a.m. Registration and Hospitality

Area opens

9:45 a.m. Second business session, NYSAA

1:00 p.m. Luncheon

2:15 p.m. Seminar—"Expanded Architectural
Services"

presiding: Charles A. Schade, Chmn. Program Committee

moderator: Morris Ketchum, jr., FAIA

- 1) Presentation of Rochester Midtown Plaza Project by Angelo Chiarella, Office of Victor Gruen & Associates, designing architects
- 2) Discussion of changes in Mandatory Standards of Practice, for architects participating in expanded services—Robert F. Hastings, FAIA, Detroit
- 3) Discussion of the clients' viewpoint — Messrs. Gilbert J. C. McCurdy and Maurice R. Forman
- 4) Summary, floor discussion, closing remarks

2:15 p.m. Ladies program

6:30 p.m. Cocktail party

7:30 p.m. Buffet dinner

9:00 p.m. Beaux Arts Costume Ball and Floor
Show

SATURDAY — October 13

8:00 a.m. Breakfast

9:00 a.m. Hospitality Area Opens

9:45 a.m. Closing business session, NYSAA

1:00 p.m. Awards Luncheon and Installation of
New Officers

3:00 p.m. NYSAA Directors' meeting

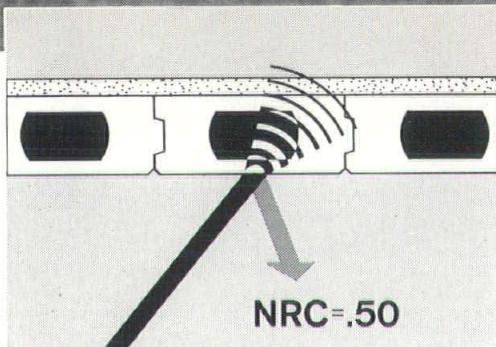
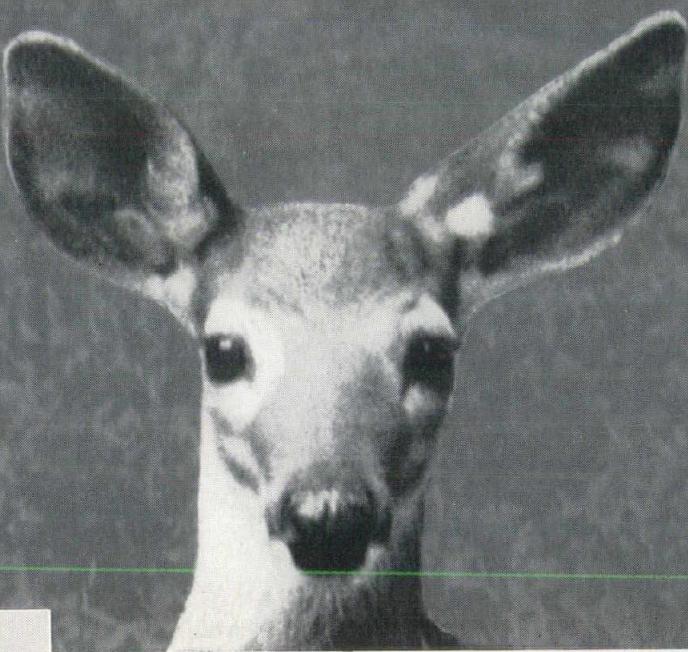
Notes: Continental breakfast will be available to members and guests in the Dining Room from 9:30 to 11:00 a.m. each morning. This will replace the coffee and pastry bar previously set up in the rear of the Convention Hall. Outdoor recreational activities are subject to permissible weather conditions. Any re-scheduling will be listed on the announcement board in the Hospitality Area.



HARRY A. STUHLDREHER

We are privileged to have Mr. Harry A. Stuhldreher address us at our annual banquet at 7:30 P.M., Thursday, Oct. 11th.

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NYSAA 1962 CONVENTION

COMMERCIAL EXHIBITORS

BOOTH NO.

1, 2 WOODCO CORPORATION
Walter M. Bill
North Bergen, New Jersey
Wood Window Units and Doors

3 MURPHY DOOR BED COMPANY, INC.
William K. Murphy
3 East 44th Street
New York 17, New York
Dwyer Compact Kitchens

4 ANCHOR CONCRETE PRODUCTS, INC.
Harvey A. Lee
Wabash Avenue at 2450 William Street
Buffalo 6, New York
Concrete Products, Flexicore Floor and Roof Slabs

5 RESERVED

6 THE MOSAIC TILE COMPANY
Karl G. Keck, Jr.
Zanesville, Ohio
Ceramic Floor and Wall Tile

7 FINGER LAKES STONE CO., INC.
H. P. Hodes
Ellis Hollow Road
Ithaca, New York
Building Stone

8 KENTILE, INC.
John W. Davis
58 Second Avenue
Brooklyn 15, N. Y.
Floor and Wall Tile

9 AMERICAN SEATING COMPANY
H. D. Baltimore
923 West Genesee Street
Syracuse 4, New York
Auditorium-Church-School Furniture

10 NATIONAL CHEMICAL & MANUFACTURING
Edward Gresk
3617 South May Street
Chicago 9, Illinois
Luminall Paints

11 AMERICAN OLEAN TILE COMPANY
George W. Thorp, 3rd
1000 Cannon Avenue
Lansdale, Pennsylvania
Ceramic Tile for Floors & Wall

12 THE RUBEROID CO.—Floor Tile Division
William X. Sypher
Vail's Gate, New York
Resilient Floor Tile & Accessories

13 UNITED STATES PLYWOOD CORPORATION
Bruce Mann
55 West 44th Street
New York 36, New York
Weldwood Plywood Paneling & Allied Products

14 STYRO SALES COMPANY
J. A. Edelman
25-34 50th Avenue
Long Island City 1, New York
Dow Building Products

15 UNITED STATES STEEL CORPORATION
William R. Fawcett
525 William Penn Place
Pittsburgh 30, Pennsylvania
U.S. Steel

BOOTH NO.

16 E. L. BAKER SONS
Robert M. Baker
Webster, New York
Lightning Protection

17 THE BLOUNT LUMBER COMPANY
F. Thomas Blount
Lacona, New York
Millwork (2 Panel Window Units)

18 PORTLAND CEMENT ASSOCIATION
W. J. McIntosh
250 Park Avenue
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Decorative Concrete Panels

19 PITTSBURGH PLATE GLASS COMPANY
E. A. Lundberg
One Gateway Center
Pittsburgh 22, Pennsylvania
Glass, Paint, etc.

20 DAWSON METAL COMPANY
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Jamestown, New York
*S.S. Flo-Line Fascia & Gravel Stop
Pass Windows & Window Sills*

21 LIBBY-OWENS-FORD GLASS COMPANY
J. E. McHenry
99 Park Avenue
New York 16, New York
*Flat Glass-Parallel-O-Plate, Parallel-O-Grey;
Thermopane*

22 BERNARD'S
Bernard Dworski
234 Erie Boulevard East
Syracuse 2, New York
Complete Interiors

23 NEW CASTLE PRODUCTS, INC.
R. W. Bettner
1711 I Avenue
New Castle, Indiana
Modernfold Doors-Operable Walls

24 SPECTRA GLAZE MANUFACTURERS®
V. James Gianoni
24th and Brandes Streets
Erie, Pennsylvania
Spectra-Glaze (Structural Glazed masonry units)

25 BRIDGEPORT BRASS COMPANY—
Hunter Douglas Division
Wendell Wallace
625 Evans Street
Elizabeth, New Jersey
Flexalum Sun Control Products

26 RESERVED

27 DUR-O-WAL PRODUCTS, INC.
Robert Yenny
207 West Taylor Street
Syracuse 4, New York
Dur-O-Wal Masonry Wall Reinforcing

28 JOSEPH C. KLEIN, INC.
Burton A. Klein
Voorheesville, New York
Wood & Aluma Clad Curtainwalls

(Continued on Page 36)

NYSAA 1962 CONVENTION COMMERCIAL EXHIBITORS

(Continued from Page 35)

BOOTH NO.

29 MOLU-WALL, INC.
Robert Rizzardi
5375 North River View
Parchment, Michigan
Aluminum Curtainwall

30 NORTHRUP ARCHITECTURAL SYSTEMS
Clark Williams
36 Half Mile Road
Red Bank, New Jersey
Aluminum Sliding Doors-Store Front Material & Sun Screen

31 WILLIAM L. MARSHALL, LTD.
George T. Kinley
450 Park Avenue South
New York 16, New York
Veneers, Lumber

32 GEORGIA-PACIFIC CORPORATION
W. Earl Brooks
200 East 66th Street
New York 21, New York
Plywood, Redwood Lumber

33 WESTERN WATERPROOFING CO., INC.
J. Joseph Callaghan
82 West Dedham Street
Boston 18, Massachusetts
Waterproofing & Weatherproofing Contractors

34 FEDERAL FLOORING CORPORATION
CONDUCTIVE HOSPITAL ACCESSORIES
CORPORATION
J. Joseph Callaghan
82 West Dedham Street
Boston 18, Massachusetts
Contractors Flooring and Hospital Accessories

35 MIDSTATE CONCRETE PLANK
Division of COSSITT CONCRETE
PRODUCTS, INC.
DOX PLANK OF NEW YORK, INC.
John C. Stormer
Hamilton, New York
Dox Plank Floor & Roof System

36 AMERICAN ART METALS COMPANY
Robert E. Cox
20 Park Place
Paramus, New Jersey
Aluminum Entrances & Store Fronts

37 E. M. FITZSIMONS & ASSOCIATES
E. M. Fitzsimons
89 Wolf's Lane
Pelham, New York
*Neoprene-Hypalon Roofing
Perma-Face vitreous wall surfacing*

BOOTH NO.

38 KALMAN FLOOR COMPANY
John Rieger
110 East 42nd Street
New York 17, New York
Heavy-duty and decorative concrete floors, and corrosion resistant epoxy floors

39 UNADILLA LAMINATED PRODUCTS, INC.
Division of Unadilla Silo Company
Tom W. Jones
Unadilla, New York
Glue laminated wood arches and beams

40 RESERVED

41 RESERVED

42 INDEPENDENT NAIL CORPORATION
Arthur S. Tisch
Bridgewater, Massachusetts
Threaded Nails

43 AMERICAN AIR FILTER COMPANY
Jack W. O'Neil
Central Ave. at 2nd St.,
Louisville, Kentucky

44 NATIONAL LUMBER MANUFACTURERS
ASSOCIATION
William E. Penoyar
1619 Massachusetts Avenue, N. W.
Washington 6, D. C.
Lumber and Wood Products

45 ALLIED CHEMICAL CORPORATION—
BARRETT DIVISION
B. L. Thompson
40 Rector Street
New York 6, New York
Urethane insulation and Vinyl Building Panels

46 FENESTRA INCORPORATED
R. Condon, Jr.
605 Fifth Avenue
New York 17, New York
Steel Building Products

47 FUNCTIONAL STRUCTURES, INC.
James D. Wilson
478 Northwest Highway
Des Plaines, Illinois
Aluminum Structural Closure System

48 RESERVED

49 BOIARDI TILE MANUFACTURING CO.
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1525 Fairfield Avenue
Cleveland 13, Ohio
Cement, Marble Chip Tile, Floor & Wall and Exposed Exterior Aggregate Tile

ROBERT LEE FROST SCHOOL

(Continued from Page 22)

Exhaust air from each room passes thru the walls of the coatroom and is discharged into the corridor where it is again exhausted and discharged to the outside thru a fan located in the corridor ceiling.

The kindergarten has all the appointments of a classroom plus a range for serving warm snacks to the children. Heating coils are imbedded in the floor slab to insure a warm surface for the children to play on. The coatroom differs from the typical classroom in having cubicles for each youngster to store his things.

The all-purpose room serves a triple function: **Assembly**, (a generous stage is provided for school plays and other general assembly activities) **Lunches**, fold in wall tables are provided to seat all pupils except those in the kindergarten who are in school only for a half day; a serving room is provided to dispense hot lunches prepared in a central kitchen and delivered each morning. **Physical Exercise**, a maple floor and vinyl plastic wall covering on the wall make a very serviceable finish for these areas.



***Jimmy's
marbles
remind
us...***

...of a property of glass that can help you design better buildings

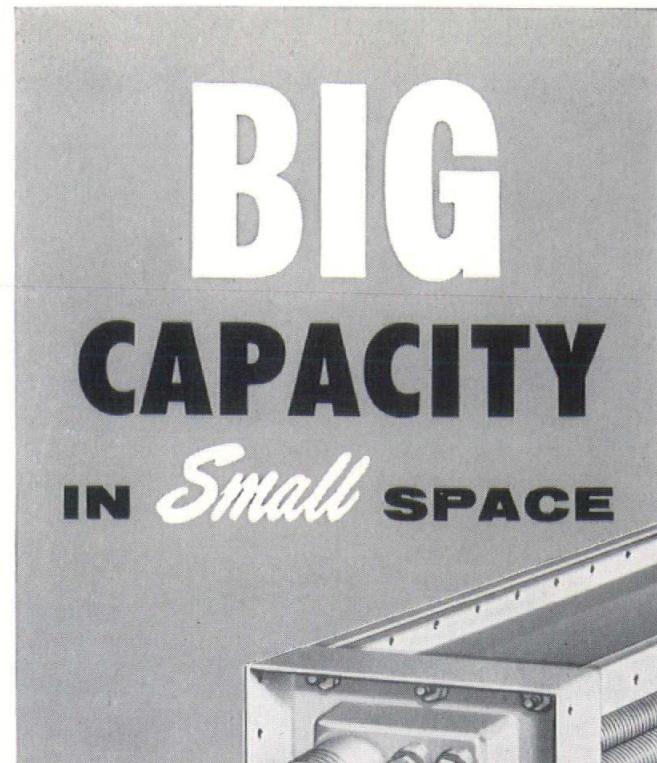
Glass comes in a rainbow of opaque colors—colors so right for spandrels. For vision areas, tinted glass reduces the sun's heat and glare. That's why glass in colors is being used more and more in buildings, large and small.

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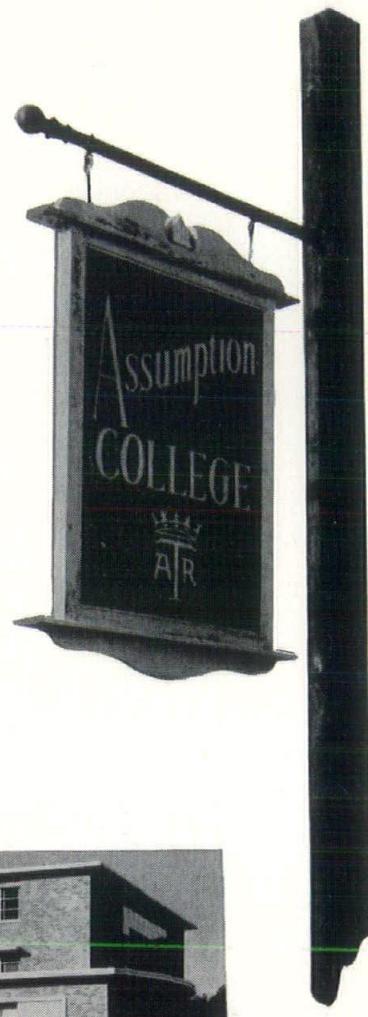
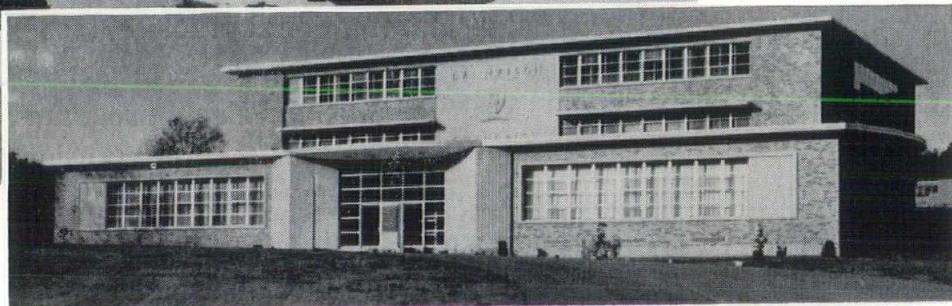
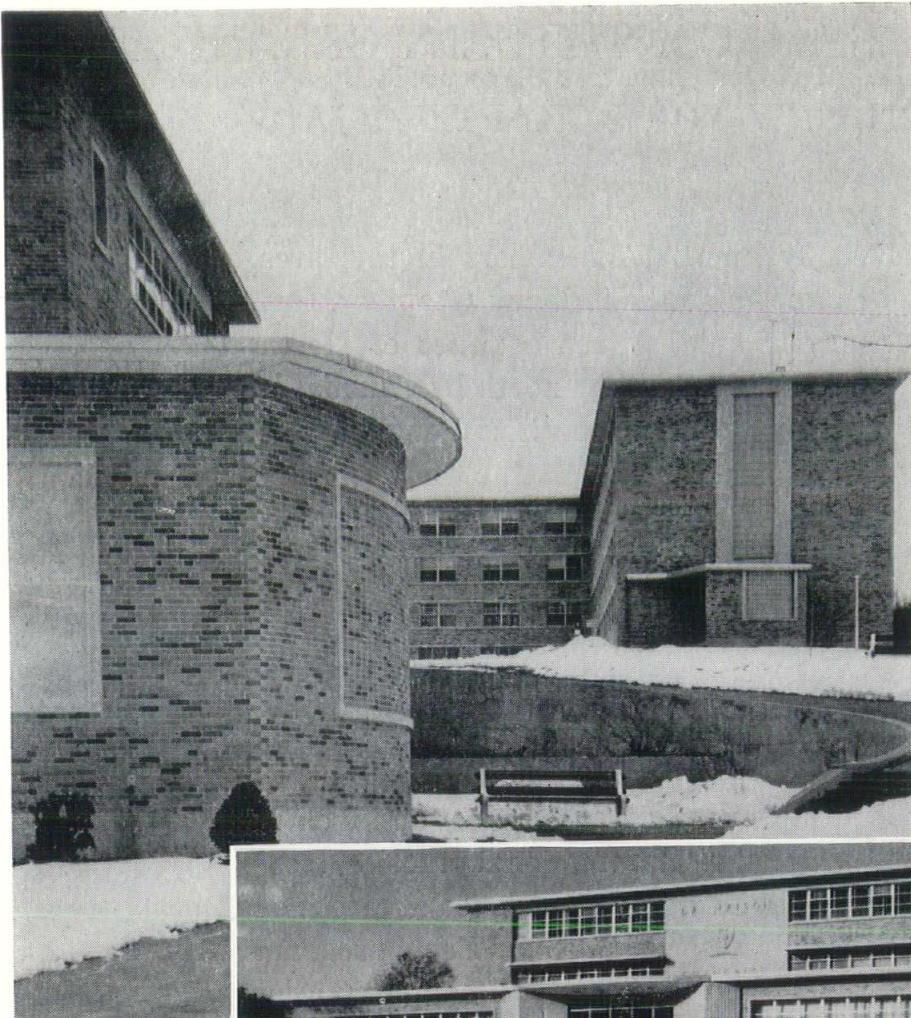
ENGINEERING OFFICES IN PRINCIPAL CITIES

PROFILE OF A N.Y.S.A.A. CONSTITUENT ORGANIZATION

EASTERN NEW YORK CHAPTER AIA

Founded in 1930 by nine AIA members in this area. Until 1950 it was known as the "Albany Chapter". Geographical territory includes fifteen counties of North-eastern New York, bounded on the north by Canada, on the east by Vermont, extending south to Poughkeepsie, and west to Amsterdam. Listed in sixth place, according to size in the State Association, the roster includes seventy five corporate members and forty associates. Most of the members are located in the Capitol District (Albany-Troy-Schenectady), a lesser number in Glens Falls, the remainder scattered among the "outposts". Monthly meetings—September thru June—are held in, or near Albany. The highlight of the year is the country club dinner-dance in June. Remaining meetings include programs that try to balance professional practice, technical advances and the arts. The attendance at meetings is about par for a professional group. Each program chairman wishes he knew the secret of making it a lot better. One member had a near perfect record for two years . . . not surprising, except for the fact that he had to drive 167 miles from Plattsburg to Albany. Rensselaer Polytechnic Institute's School of Architecture and Hudson Valley Technical Institute are located within the chapter area. No student chapters exist, but students are invited to chapter meetings. Several successful joint meetings with student groups have been held, and the chapter annually participates in a prize award program at Rensselaer. Active committees include Architect-in Training, Architect-Contractor relations, Planning and Preservation of Historic Buildings. The Chapter sponsors an annual design competition and exhibit. This year we are the Host Chapter for the Convention at Whiteface Inn. Previously, we were host to the 1954 Convention in Albany.

Editors Note: Constituent organizations are encouraged to submit similar information for use as a feature in subsequent issues.



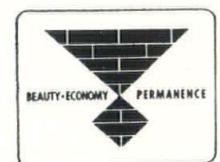
Architects O. E. Nault & Sons specified more than 370,000 Belden Santa Barbara Blend Gray End Cut Matts for the Alumni Hall, Administration and Dormitory (pictured upper left); La Maison Francaise Library (center); as well as in the Kennedy Memorial Science Hall, the Dining Hall Building and the Bishop Wright Residence Hall.

ALL AROUND THE CAMPUS . . . of Assumption College in Worcester, Mass., you'll find Belden Brick accentuating the "imaginative design" of many of the new buildings.

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PROPOSED AMENDMENTS TO NYSAA BY-LAWS

On September 1, 1962, the Bylaws Committee submitted the following proposed Bylaws revisions, to be considered at the annual meeting and convention of the New York State Association of Architects, Inc. at Whiteface Inn, Lake Placid, New York, October 10 to 13, 1962, to all the constituent organizations of NYSAA. The Committee recommended that members of each organization be notified of the proposed changes well in advance of the annual meeting and convention.

These proposed revisions can be passed by a two-thirds vote of the delegates at the annual meeting and convention.

These Bylaw amendments have been recommended for submission to the Annual Convention, by the By-Laws Committee.

*Note: Matter to be deleted appears in (parenthesis)
New matter is underlined*

1) Article III, Section 5 — Meetings — Voting Delegates

Section 5. The secretary shall determine the number of delegates as follows:

If the number of constituent members in constituent organization who are not under suspension nor default to the Association is (More than—and not more than)

Then the number of member delegates entitled to be accredited to represent them shall be

Note—(All the following table is being deleted)

1	20	2
20	30	3
30	40	4
40	50	5
50	70	6
70	90	7
90	110	8
110	135	9
135	160	10
160	185	11
185	210	12
210	235	13
235	260	14
260	285	15
285	310	16
310	335	17
335	360	18
360	385	19
385	410	20
410	435	21
435	460	22
460	485	23
485	510	24

(For each increase of membership of one to 25 there shall be one additional delegate.)

Note—The foregoing table is being replaced by the following:

Number of constituent members	Number of delegates
1 to 20	2
21 to 30	3
31 to 40	4
41 to 50	5
51 to 60	6
61 to 70	7
71 to 80	8
81 to 90	9
91—100	10

Beyond 100, for each additional 15 constituent members, one additional delegate

NOTE: This method of determining number of delegates provides more equitable representation by constituent organizations. This proposal was tabled last year and referred back to the Committee which decided to re-submit same amendment without recommendation but showing accompanying table how delegates will be apportioned under proposed change based on 1962 total delegates.

Organization	Voting 1962			
	Total	Delegates	Revised	Change
Bronx Chapter	44	5	5	0
Brooklyn Chapter	66	6	7	+1
Brooklyn Society	53	6	6	0
Buffalo-W.N.Y. Chap.	73	7	8	+1
Central N.Y. Chap. ...	65	6	7	+1
Eastern N.Y. Chap. ...	75	7	8	+1
L.I. Society Chap. ...	93	8	10	+2
New York Chap.	847	83	60	+22
New York Society	292	16	23	+7
Queens Chapter	85	6	6	0
Rochester Society	78	7	8	+1
Staten Island Chap. ...	11	2	2	0
Syracuse Society	70	6	7	+1
Westchester Chapter	115	9	11	+2
Totals	1940	129	168	+39

2) Article IV, Sections 4 and 5—Officers

Section 4. (The President, Vice Presidents and Secretary shall be ineligible to hold office for more than two successive terms to the same office until the lapse of at least one term.) *The term of office for the President, Vice Presidents and Secretary shall be limited to one year but each officer may be eligible to serve the same office after a lapse of at least one term.* The Treasurer shall be ineligible to hold office for the more than three successive terms to the same office until the lapse of at least one term.

NOTE: The Committee believes this would offer a greater opportunity to more members to serve in key posts as officers. Recommended for adoption.

Section 5. The term of each officer shall begin on January 1 after (at) the close of the annual convention at which he is elected and shall continue in office until a successor is duly (elected) installed.

NOTE: This would provide opportunity for new officers to prepare for the administration allowing adequate time to complete organization of committees. Recommended for adoption.

3) Article VI, Section 4A (h) — Budget, Finance and Audit

4A (h) Committee on Budget, Finance and Audit: There shall be a committee on Budget, Finance and Audit consisting of a chairman and 3 members and the treasurer. It shall be the duty of this committee to set up a budget indicating anticipated income and expenditures for the ensuing year, and to make recommendations of benefit to the Association. It shall present a written report to the Board so that it may be acted upon at the *first regular session of the Board occurring (before) after the annual Convention.* This committee at the end of the fiscal year shall obtain an audit of the financial position of the Association, which shall be presented to the annual Convention.

NOTE: Committee on Budget seeks to reconcile dates of preparation and submission of annual budget. Recommended for adoption.

4) Article VI, Section 4B (a) — Committee on Education

4B (a) Committee on Education: There shall be a standing committee on Education consisting of a chairman and five (5) members. It shall be the duty of this committee to cooperate with the Institute Committee on Education, and with the State Education Department to promote higher aesthetic,

scientific and practical qualification of those engaged in the profession, to (foster) *recommend to the Legislative Committee of the Association* legislation to strengthen the Education Law, to formulate plans whereby the public appreciation of the arts of design will be enhanced, and to maintain effective contacts with the School of Architecture within the State. This Committee shall cooperate with the Legislative Committee in matters relating to law. No member of this committee shall be at the same time a member of the State Board of Architectural Examiners.

NOTES Eliminates provision from Bylaws which now permits Education Committee "to foster legislation," which is chief function of Legislative Committee, without weakening right to recommend legislation. Recommended for adoption.

5) Article VI, Section 4B (e) — Committee on Professional Practice.

4B (e) Committee on Professional Practice: There shall be a committee on Professional Practice consisting of a chairman and three (3) members. It shall be the duty of this committee to consider and analyze complaints against anyone charged with violations of the State Education Law, and to maintain liaison with the Division of Professional Conduct relative to the processing of such complaints; also to consider and analyze complaints against anyone, except members of the AIA charged with infractions of the Standards of Professional Practice as prescribed in Article XI, in which latter category it shall submit its findings and recommendations to the Board for further disposition. *The Committee shall recommend to the Legislative Committee of the Association legislation to strengthen the enforcement of the Education Law.*

NOTE: Makes similar provision for Professional Practice Committee as for Education Committee to recommend legislation that will assist committee in its primary function of enforcement of Education Law. Recommended for adoption.

6) Article X, Section 1 — Amendments

Section 1. Proposed amendments to these Bylaws, approved by the Board, or signed by at least fifteen constituent members if presented in writing to the Board of Directors ninety days before the annual Convention, shall be mailed to the secretary of each constituent organization at least forty-five days prior to the annual Convention, and printed in the official publication of the Association (not later than 30 days) before the annual Convention. Such publication shall constitute official notifica-

tion to the membership. Secretaries of constituent organizations shall submit the proposed amendments to the membership of their organization.

NOTE: Difficulty of meeting 30-day requirement in official publication may be caused by publishing problems. Committee submits proposal without recommendation for consideration by delegates.

The following amendments were submitted to the Committee for the consideration by the delegates without the Committee's recommendations:

7) Article V, Section 2 — Elections and Nominations

Section 2. At the first regular session of the Board after the annual Convention, the members present shall elect a nominating Committee of five constituent members. No more than two members of this committee shall be past presidents, nor shall any member, including a past president, succeed himself until at least one term has elapsed. This committee shall prepare a list of nominees and shall designate only one nominee for each of the elective offices. The Committee shall also recognize and place in nomination any candidate *in good standing* who is an active member, for any office, upon petition signed by (five) *fifteen* constituent members in good standing, *five* members from each of three constituent organizations, provided that such petition is delivered to the chairman of the committee at least sixty days prior to the date of the annual Convention. This committee shall report to the Secretary at least forty days prior to the annual Convention.

Notwithstanding the provisions of the prior paragraph, nominations may also be made from the floor of the annual Convention by a duly accredited delegate.

NOTE: Suggested by 1962 Nominating Committee chairman to clarify confusion that has resulted from last year's amendment with respect to number of total signatures required for petitions, such number being 15, 5 from each of 3 constituent organizations. Language proposed does not alter the Bylaw provisions as presently intended.

8) ArticleVII, Section 2 — State Directors

Section 2. Each constituent organization shall designate from its own membership a director and an alternate to serve on the Board of Directors of the Association. *Such director and alternate shall assume their places on the Board on the first of January following their designations.*

NOTE: Object is to provide orderly procedure for succession and replacement of State Directors and permit briefing of new directors by their predecessors. Recommended for adoption by NYSAA directors.

Respectfully submitted,

BYLAWS COMMITTEE:

L. Bancel LaFarge, Chairman
Albert Melniker
John T. Nelson
Trevor W. Rogers
Harry Silverman
Leo Stillman

R. S. Reynolds Memorial Award Criteria

A shift in emphasis in criteria for the R. S. Reynolds Memorial Award was disclosed on September 16, by The American Institute of Architects, which administers the \$25,000 annual award.

The change was outlined in the AIA's invitation for nominations for the 1963 seventh annual Award. Nominations for the international award, the largest in architecture, will be received by the AIA through December 31, 1962. It will be presented during the AIA convention May 6-10 in Miami.

The revised criteria as outlined in the 1963 Reynolds Award brochure place "prime emphasis on distinguished architecture in which sound, effective use is made of aluminum."

Formerly, emphasis was on "the creative value of the architect's contribution to the use of aluminum, and its potential influence on the architecture of our times."

The basic concept of the award remains the same —an honor conferred upon an architect for "a significant work of architecture, in the creation of which aluminum has been an important contributing factor."

"This shift in emphasis from originality in use of aluminum to sound, effective use of the metal in distinguished architecture reflects the fact that aluminum has come of age in contemporary architecture," explained William H. Scheick, Executive

(Continued on Page 50)

WE MOURN THE PASSING OF

Chester B. Price

Chester B. Price, architect, architectural illustrator and etcher, on July 2, 1962. He was 77 years old.

For the last ten years Mr. Price had been with the firm of Voorhees, Walker, Smith, Smith & Haines.

In 1959 he was elected a Fellow in the American Institute of Architects.

Mr. Price served on numerous committees as member and chairman in both the institute's New York chapter and in the Architectural League of New York. In 1949-50, as president of the league, he revived the national gold medal exhibitions in architecture and allied arts.

He also lectured and taught at Columbia University, Pratt Institute, Princeton University, the Westchester County Center, the Foundation for Architecture at Lake Forest, Ill., and other institutions.

Mr. Price was born in Kansas City, Mo. He attended public and private schools in St. Louis and night classes at Washington University. He won the first Architectural League of America Traveling Scholarship and spent a year in travel and study abroad. He moved to New York in 1910 and had been a resident here for nearly forty years.

In 1929 he won the Birch Long prize for Architectural Illustration at the Architectural League exhibition. He also was a member of the Society of Etchers.

Cornelius J. White

Cornelius J. White, a partner in Steinmann, Cain & White, architects, on June 23, 1962. He was 68 years old.

Mr. White joined McKim, Mead & White after service with the Navy during World War I. He was in charge of a number of projects, including the Harvard Graduate School of Business Administration, the Eastman School of Music in Rochester, N. Y., and Town Hall here.

He was New York State Architect from 1944 to 1955, responsible for the design of buildings as well as the

administration of state projects designed by other architects.

In 1961 he joined with M. B. Steinmann and W. O. Cain to form Steinmann, Cain & White, succeeding McKim, Mead & White.

Mr. White was graduated from the Pratt Institute in 1913 and was awarded an honorary Doctor of Science degree from Alfred University in 1948.

He was a member of the Architectural League of New York, the University Clubs of New York, Washington and Albany; the New York Building Congress, on whose board of governors he formerly served; the New York Society of Architects, the American Arbitration Association and the New York Chapter of the American Institute of Architects.

Harry B. Rutkins

Harry B. Rutkins of 40 West Seventy-seventh Street, an associate member of Eggers & Higgins, on July 25, 1962. His age was 58.

After graduating from City College in 1926, Mr. Rutkins worked for several architectural firms. He joined Eggers & Higgins in 1945.

He served for five years as chairman of legislative committee of the New York Chapter of the American Institute of Architects, and also was a member of the New York State Association of Architects and the New York Society of Architects.

A member at large of the City Planning and Zoning Committee, Mr. Rutkins spent a number of years formulating new zoning laws in its behalf. He also was closely identified with work for the clearance of slums and redevelopment or urban areas.

While with Eggers and Higgins he was identified with a number of major projects that involved intricate legal problems of height, air rights, zoning and utilization of space.

It was with a feeling of strong personal loss that we learned of the death of Harry B. Rutkins on July 26, 1962.

I wish to express on behalf of the N.Y.S.A.A. the feeling of loss by the members of this association.

My personal contact with Harry B. Rutkins over several years was generally in committee work at New York State and New York City levels, on matters concerning legislation, zoning, community planning and

state resolutions. He was always a pillar of strength and understanding.

I will miss keenly his advice, counsel and his good common sense.

We will all miss Harry B. Rutkins as a gentleman, an architect, an advisor and a friend.

ALBERT MELNIKER, A.I.A.

*Chairman, Resolutions Committee,
N.Y.S.A.A.*

Staten Island Chapter, A.I.A.

Infiniflex Introduces New Light Ceiling System

Significant new refinements have been added to the function of the luminous ceiling with the introduction of a new lighted ceiling system. Known as Infiniflex, this luxury lighted ceiling of infinite design flexibility was originated to open new avenues for creative expression and to introduce new cost-saving mechanical advances.

Infiniflex uses a unique new Torsion-Ease Hinge device which permits each panel to swing down for cleaning or relamping—according to the manufacturer, the first such design to be used in a competitively priced lighted ceiling. Maintenance costs are reduced as much as 50%.

Infiniflex uses noncombustible metals and self-extinguishing plastics, which generally comply with the strictest fire codes. Components of the system are specially designed to be compatible with leading square and linear air diffusers. While supported by an economical T-bar grid, panels, having concealed joints, attached to the bottom of the T-bar, totally obscuring the grid from all angles of view. Exciting new design possibilities are opened through the introduction of dazzling light-transmitting color inserts, new shapes, textures and contours. Infiniflex provides glarefree, shadowless light plus the opportunity to use polarized panels for advanced applications.

The contoured square, dominant design element of Infiniflex, goes especially well with the fluid masonry forms being utilized more and more in today's architecture.

Infiniflex, by the creators of Infilite and Grillewall, is recommended for those special areas where outstanding design, maximum seeability and fast, easy maintenance are desired. For further information write: Integrated Ceilings & Grilleworks, Inc., 11766 West Pico Boulevard, Los Angeles 64, California.

MIRACLE CONDUCTIVE TILE ADHESIVES

Miracle Adhesives Corporation, the original pioneers of the "Thin-Set" Adhesive Method for setting ceramic tile is also the country's leading manufacturer of waterproof Conductive Ceramic Tile Adhesives for installing Conductive Ceramic Tile in hospital operating room suites.

First introduced in the latter part of 1952, and a major breakthrough in the installation of electrically conductive floor tile, Miracle Conductive Tile Adhesives has provided an important contribution toward the elimination of the static hazard in hospital operating and surgical suites, by making the floor area capable of dissipating static from personnel and equipment.

During the past 10 years, thousands of feet of conductive ceramic tile have been installed with Miracle Conductive Tile Adhesive in hospitals throughout the country. This method of installation has proven superior to any other, both in remodeling operating room floors with conductive ceramic tile, as well as in

new construction.

Two types of Conductive Floor Adhesive are manufactured by the Miracle Company—Rubber Base, and No. MA-745 Epoxy Resin.

Rubber Base Conductive Ceramic Tile Adhesive has proven highly satisfactory over almost any type of level surface including: Steel troweled concrete, wood, metal terrazzo, slate, existing tile, etc. It is applied directly from the drum with a $\frac{1}{8}$ " sawtooth trowel. The tiles are then pressed firmly into the adhesive within 30 minutes. Grouting is done in conventional manner with waterproof Portland Cement Grout.

Tile Contractors report many important advantages of Conductive Ceramic Tile Adhesive over other conductive setting materials. No mixing or weighing of materials is required. This completely eliminates the chance of an improper mix—adhesive develops a bond strength of 100 p.s.i. This system simplifies structural design by eliminating the necessity for depressing slabs. It also provides the most

foolproof and economical installation method of Conductive Ceramic Tile.

Miracle MA-745 Epoxy Resin Conductive Flooring Adhesive, an equal part mix, is designed for use under special conditions, such as on or below grade installations where moisture in the slab from capillary action or hydrostatic pressure may exist. This also applies to slabs over thick sections of lightweight fill which are not properly vented. Miracle MA-745 is waterproof, develops high strength, and has excellent impact resistance.

Both types of Miracle Conductive Ceramic Tile Adhesive meet the requirements set forth in NFPA No. 56 "Recommended Safe Practice for Hospital Operating Rooms."

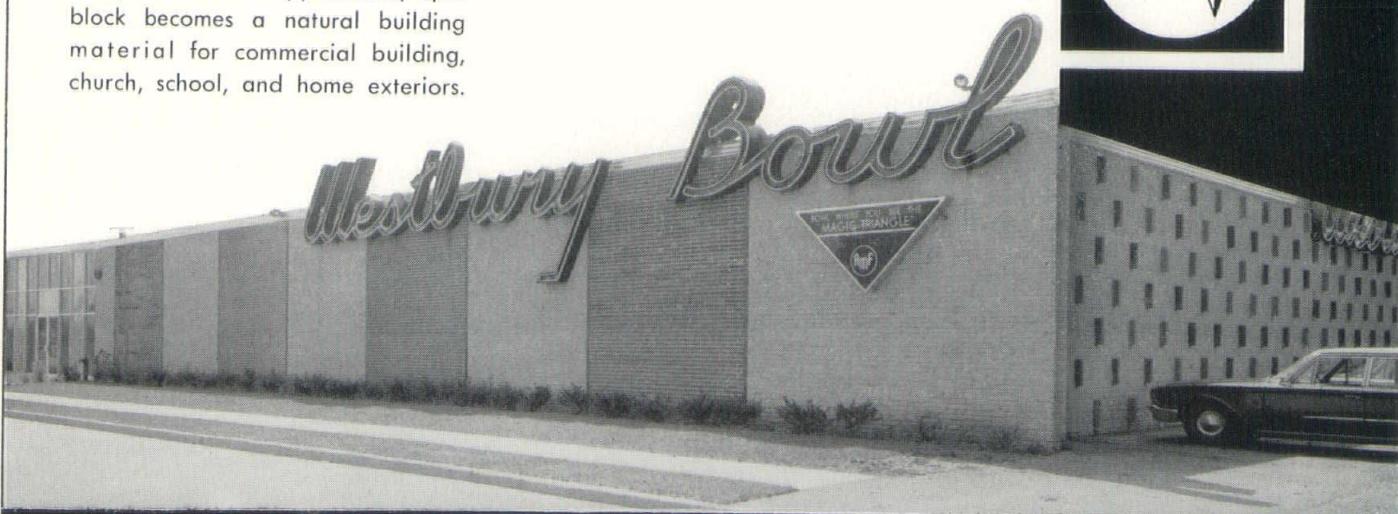
Miracle Adhesives Corporation offers their standard one-year Guarantee on all conductive tile installations when done in accordance with instructions.

For any further information, call or write, Robert Stafford, MIRACLE ADHESIVES CORPORATION, 250 Pettit Avenue, Bellmore, L. I., N. Y.

The wonderful world of

BLOCK

Split block is truly in a class by itself. Delightful texture characteristics are its trademark. With its beautifully weathered appearance, split block becomes a natural building material for commercial building, church, school, and home exteriors.



NEW YORK STATE *Concrete Masonry* ASSOCIATION, INC.

1 NIAGARA SQUARE BUFFALO 2, N. Y.

New Products

MARK-FORE MEDI-PREP MEDICINE SECTION

The narcotics locker of the Mark-Fore Medi-Prep Medicine Station has been enlarged to provide almost double the previous capacity, according to the manufacturer, Market Forge Company, Everett, Mass. In addition, the new locker allows greater security protection.

The new locker is now 21" x 8" x 10", incorporating generous additional storage space capsules, tablets and narcotic counters normally required in the nursing unit.

The narcotics locker has two separate doors which must be locked with different keys to provide the security required by law in some areas. If either door is not properly closed and locked, a red warning light goes on at the front of the unit.

The narcotics locker is just one of

the many convenience features of the Medi-Prep Medicine Station, a scientifically-designed work station for the storing, preparing and dispensing of medications at the nursing unit. The compact, stainless steel station contains all necessary facilities as well as added convenience features for nurses' use. Additional information may be obtained from the Market Forge Company, Everett 49, Mass.

The ANEMOSTAT AIRMODULE is not something added to a ceiling; it is part of it. The AIRMODULE directly supports the ceiling tiles and panels and, thus, saves the cost of ceiling support members having only a structural function. Once installed, the AIRMODULE provides maximum flexibility to meet future air distribution requirements without the need for expensive redesigning and reconstruction of the ceiling.

Proved in actual installations, the ANEMOSTAT AIRMODULE is a carefully designed and tested product of the experience and imagination of the Anemostat Air Distribution Laboratory. The AIRMODULE is yet another ANEMOSTAT contribution to satisfying both the practical and the aesthetic needs of modern living.

New literature: Airmodule booklet No. 862.

Anemostat Corporation of America, 25 West 43rd Street, New York 36, N. Y.

Byzantine
... one of
the many fine
ceramic tile
pattern groups
by Mosaic...
is a splendid
surface
in the hands
of a skilled
designer



Give this enrichment in ceramic tile to the buildings you design. It's an inexpensive luxury that lives on and gives unmatched service while it gladdens owner and user alike.

Call in your Ceramic Tile Contractor or get in touch with

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Showroom & Service Center:
HEMPSTEAD, L. I., N. Y.
47 Chasner Street
BUFFALO 25, N. Y.
1684 Walden Avenue

New Products

MOSAIC TILE CO.'S NEW "DOT TILE"

A revolutionary new mounting for ceramic tile which speeds installation and cuts cost has been announced by The Mosaic Tile Company. Mosaic's new "Dot Tile" takes its name from the distinctive permanent mounting, which consists of dots of high-strength bonding material which unite individual tiles at the corners to form a sheet. Since the tiles are bonded only at the corners, 85 per cent of the tile area remains directly exposed to the setting bed. The manufacturer states: "This modern component mounting increases efficiency in ceramic tile installation, thereby cutting labor cost (the largest cost factor) and making possible the lowest installed cost."

The sheet of tile is sufficiently flexible to roll up, yet rigid enough to be held securely in one hand. Tile will not separate from mounting in normal handling.

Dot Tile mounting is presently available for Mosaic Service Plan modular one inch by one inch ceramic mosaic tile only. It is anticipated that this mounting will be available in the future for other patterns and sizes of ceramic mosaic tile. The manufacturer recommends Dot Tile for installation on floors, walls and counter tops, indoors and out, in all climates. Temperature extremes and dampness do not affect Dot Tile, either in the carton or during or after installation. Sheet dimensions are uniform. All sheets are the same size and will not stretch, shrink or sag. Dot Tile sheets are cut easily with knife or trowel. This tile can be applied to any standard setting bed, adhesive or mortar, thin-set or conventional. Tile contractors who have field tested the material report that Dot Tile sheets are more uniform and rigid than any previously worked with, permitting accurate alignment and easier handling, according to Mosaic.

Dot Tile is the product of combined materials and methods research by Mosaic and leading materials and equipment manufacturers. A patent on Dot Tile has been issued to The Mosaic Tile Company.

Mosaic reports that Dot Tile is available nationally on a limited production basis. It is produced at three factories—in Zanesville, Ohio; Little Rock, Ark.; and Corona, Calif.

GUTH CO. CATALOG

A new, Comprehensive Condensed Catalog on Fluorescent and Incandescent lighting fixtures manufactured by the Edwin F. Guth Company, St. Louis, Missouri, is now available.

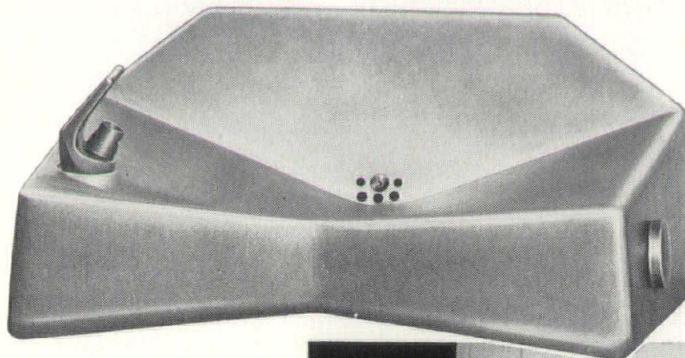
The 12 page Catalog lists, illustrates and describes a wide range of the lighting fixtures manufactured by the Guth Company.

Fixtures covered include over-all electric ceiling systems, recess fluorescent troffers, air-handling fluorescent luminaires and a complete variety of incandescent surface and recess units.

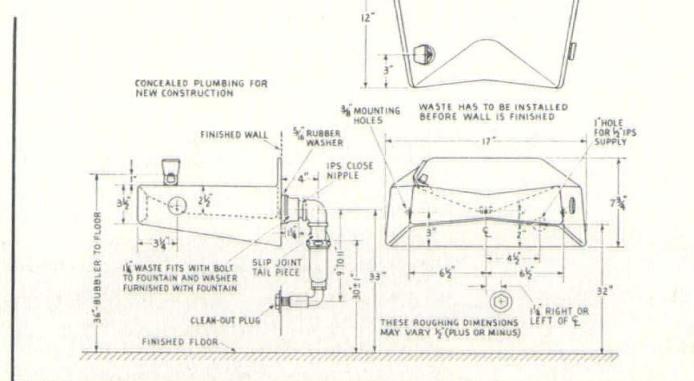
A free copy of the catalog is available upon request.

Write to: The Edwin F. Guth Company, 2615 Washington Blvd., Box 7079, St. Louis 77, Missouri.

something different in Anodized Aluminum



From every angle this Haws drinking fountain breathes distinction that matches your own distinctive ideas. It's cast aluminum, hard anodized to a permanent, abrasion-resistant, muted bronze color—with new push-button valve and sanitary angle stream bubbler. If you desire interior (or exterior) fixtures that do credit to your project, look to Haws! We'll send you specs on Model 7J: write us now.



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DRINKING FOUNTAINS

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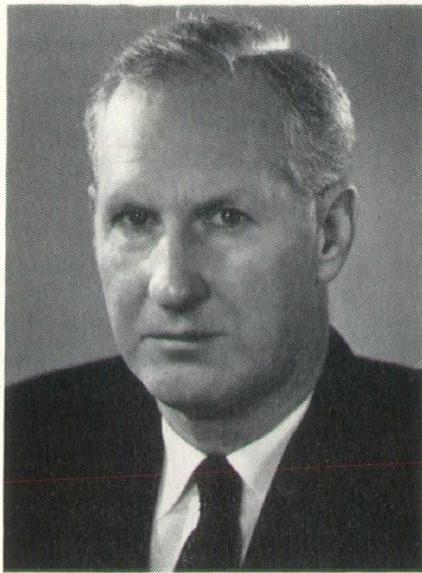
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Export Dept.: 19 Columbus Ave., San Francisco 11, Calif., U.S.A.



ANNUAL MEETING and CONVENTION

WHITEFACE INN, LAKE PLACID, N.Y.

OCTOBER 10-13, 1962



JOHN W. BRIGGS, A.I.A.

OPENS NEW OFFICE IN MIDTOWN TOWER

John W. Briggs, A.I.A., registered architect, announced opening of a new office in 901 Midtown Tower, Rochester, New York. The firm, specializes in the design of industrial, commercial, apartment, and institutional buildings.

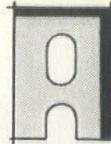
Its recently completed projects include the \$600,000 Mohawk Manor Hotel, the \$350,000 Airport Motel, and the \$750,000 Reynolds Arcade addition. Projects worth an estimated \$6,000,000 now under construction or being designed, include the Pittsford Village Estates apartments, the East Avenue Towers apartments and the Eagle-Ridge Senior Housing Project in Irondequoit.

Briggs, a graduate of the Carnegie Institute of Technology, Pittsburgh, heads a staff of six associates. A licensed architect since 1937, Briggs is a former Lieutenant Commander in the U.S. Naval Reserve, Civil Engineer Corps. He formed the firm of John W. Briggs, A.I.A., architect, in 1950. He is a member and past president of the Rochester Society of Architects, the State Association of Architects and a member of the American Institute of Architects.

Briggs is a member also of the Pittsford Planning and Zoning Board and was a member of the Citizens Committee to study the new Monroe County Courts Buildings. A member of St. Paul's Episcopal Church, Briggs is married and the father of two sons. He resides at 630 Allen Creek Road, Pittsford.

SHAPES

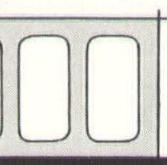
coves - caps - jambs



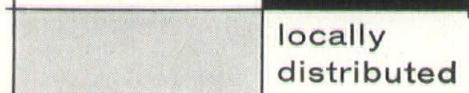
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COLORS

field - accent - trim



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locally distributed

precise color control



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Western New York

A. Duchini, Inc.

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Area Code 814, GLendale 6-7027

Eastern New York

Plasticrete Corporation

1883 Dixwell Avenue

Hamden 14, Connecticut

Area Code 112, ATwater 8-1641 or 555-1212

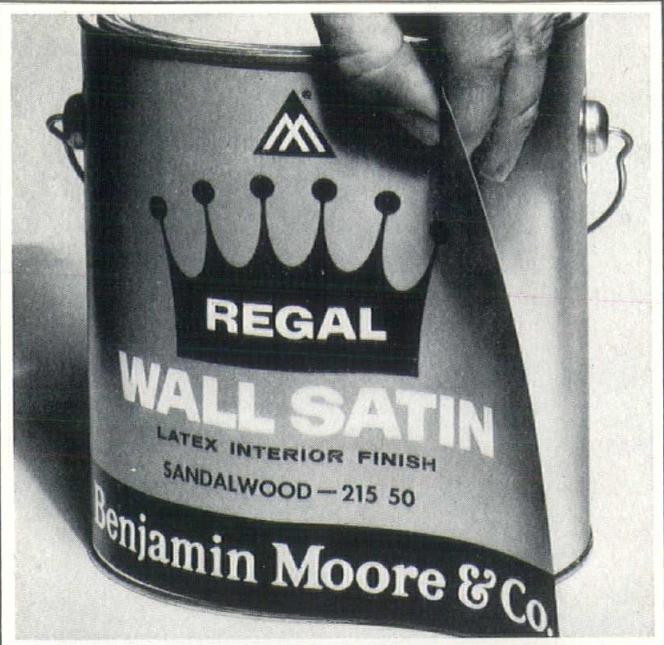
Southeastern New York

Glazed Block Corporation

147 Fifth Street

Saddle Brook, New Jersey

Area Code 201, Diamond 3-4050



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Over 75 years' experience, research, quality, performance and customer acceptance. The Benjamin Moore trademark works for you—sells for you—and builds repeat business.



HELP WANTED

Retired architectural contact man to call on architects part time a few days a week, to introduce high quality line of aluminum railings. No selling, estimating or order taking. Compensation for each call, no commission. Can supplement social security income. Openings in most major cities. Blumcraft of Pittsburgh, 460 Melwood Street, Pittsburgh 13, Pennsylvania

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When writing to manufacturers about new products or advertisements first seen here tell them you saw it in—

THE EMPIRE STATE ARCHITECT

R. S. REYNOLDS MEMORIAL AWARD

(Continued from Page 43)

Director of the Institute. "Recent juries, in fact, have recommended a change along these lines.

"When the Award was established in 1957, aluminum was in its early stages of popular and extensive use as an architectural material. Almost any major architectural application of the light metal involved new concepts of design or fabrication. Today it is a standard material.

"This year's change in emphasis by no means eliminates creativity as an important factor in the judgment of the AIA jury, as creativity is always a significant factor in distinguished architecture. But the revision does provide a more practical guide for the jury in terms of today's architecture."

The criteria continue to emphasize that the size or type of structure or the quantity of aluminum is not of major significance.

Brochures inviting nominations for the 1963 R. S. Reynolds Memorial Award have been mailed to all members of The American Institute of Architects and to architectural societies in foreign countries.

The Award is conferred annually by a jury of distinguished architects named by the AIA. It carries an honorarium of \$25,000 and an original piece of sculpture designed by a prominent contemporary artist.

An architect may be nominated by anyone, including himself or his firm. Preference is given to buildings completed during the past three years. Nominations may be made on a form included in the AIA brochure, or by writing The Reynolds Award, The American Institute of Architects, 1735 New York Avenue, N.W., Washington, D.C. The nomination should include the architect's name and address, name and location of the structure, the date it was completed, and the name and address of the person making the nomination.

The 1962 Award was given to French architects Guy Lagneau, Michel Weill and Jean Dimitrijevic, and collaborating architect Raymond Audigier, for their design of the Museum Cultural Center in Le Havre.

Previous Awards have gone to architects in the United States, Switzerland, Australia, Belgium and Spain.

The R. S. Reynolds Memorial Award was established by Reynolds Metals Company in honor of its late founder.

Constituent Editors'

Quotes

THE BULLETIN

NEW YORK SOCIETY OF ARCHITECTS

John Nelson Linn, Editor

DR. ABRAHAM SLAVIN AUTHORS RESEARCH PUBLICATION IN THE STRUCTURAL FIELD:

Dr. A. Slavin, a long-time member and former Director, has written a research paper entitled, "The effective Modulus of Elasticity" which is published by the New York Academy of Sciences. The subject covers stress-strain relations in the inelastic region. His publications have appeared in technical papers here and abroad. He was the first Architect-Engineer to receive a citation and prize from the New York Academy of Sciences for his doctoral research on "Stability Studies of Structural Frames". Dr. A. Slavin has received 18 citations and 13 medals from foreign countries for his publications in the technical sciences.

Editor's Note: Congratulations on your new set-up with the September 1962 issue. A very good job! SMK

OCCULUS

NEW YORK CHAPTER

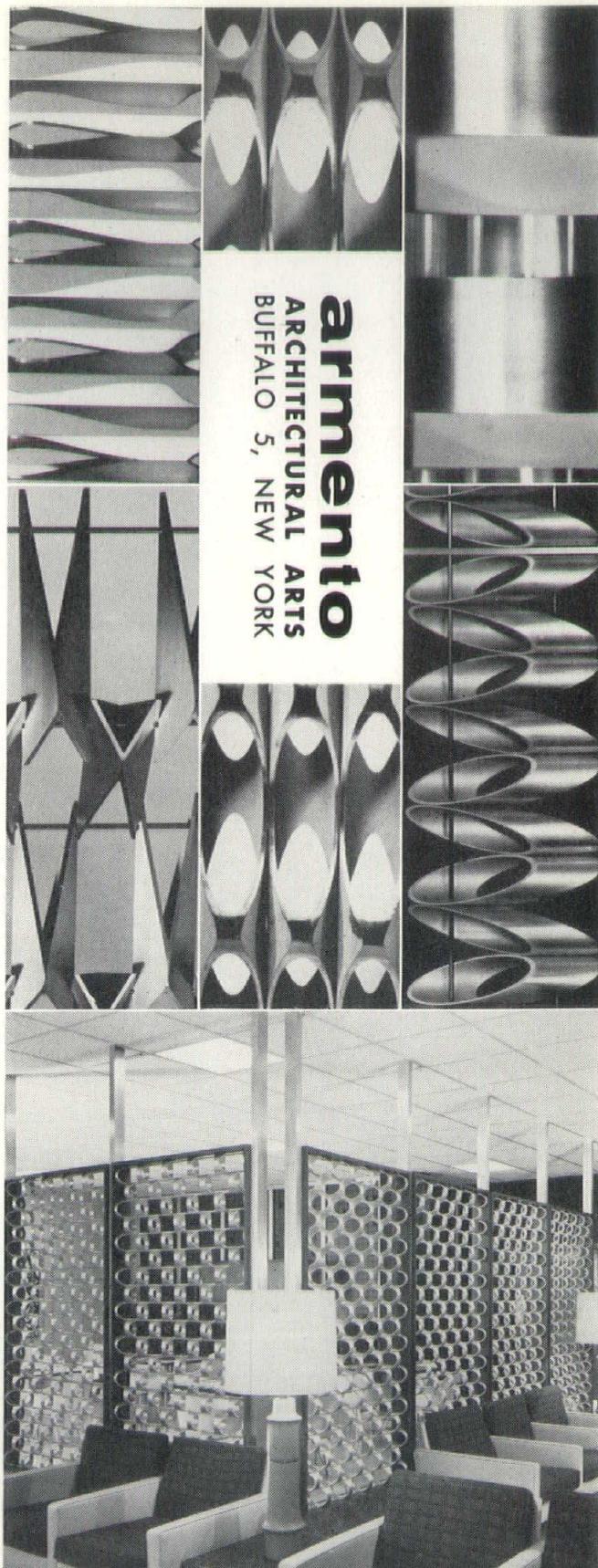
HOW TO GET CREDIT

Most of us have seen stories and/or photos of buildings published without credit to the architect. What can the individual architect and firm do to help assure that they are credited when their work is published?

First, newspapers generally will mention the architect if his name appears in the press release or photo caption announcing the building. On the other hand, editors generally will not go out of their way to determine who the architect is if he is not named.

Therefore, the best way to assure published credit is to be named in press releases and announcements. To accomplish this the architect should prevail upon his clients to recognize his work in appropriate releases. While a client is under no obligation to include architectural credit

(Continued on Page 58)



Armento SCULPTURED MODULANTS® are a new screen and room-divider solution available in aluminum or bronze. Sadler Dormitory Lounge, Syracuse University, Syracuse, N.Y., King & King, Architects, Prof. Ralph R. Laidlow, University Decorator. Screen type—VC-3p Alum.

Write for brochure illustrating sculptured modulant® styles and uses.

NEW BUILDING PRODUCTS

The illustrations and information (on this and several following pages) concerning these products have been supplied by their manufacturers. They are for information only and have not been endorsed or approved by the NYSSA.

Niagara Power Project—250,000 Lbs. of Lead

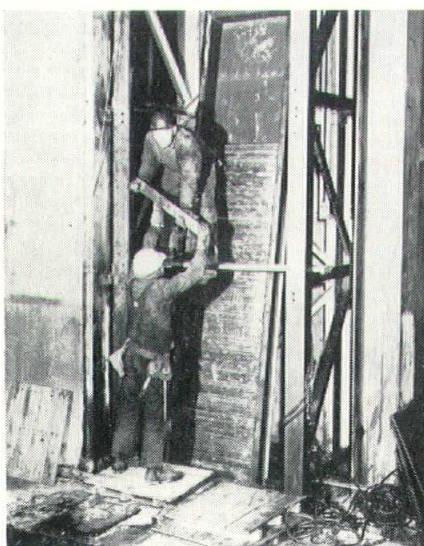
Ask an engineer for a list of the world's great engineering achievements and he's certain to include the New York State Power Authority's Niagara Power Project.

Mention this great achievement to a man from Asarco's Federated Metals Division and you'll probably trigger this comment: "We shipped an order of lead to the Niagara Project . . . about one-quarter of a million pounds."



Robert Moses Power Plant

Everything connected with the Niagara Project is big, including the doors to the enormous bays where generator and transformer equipment are serviced. For example, the vertically sliding door of the bay (tinted blue in the photograph) is 76 feet square and weighs 168,000 pounds!



Sliding Doors Weigh 168,000 lbs.

How do you counterweight a door weighing 168,000 pounds . . . except with lead? Concrete or metal other than lead, would call for enormous bulk and loss of valuable space.

Uhl, Hall & Rich, of Boston, were the engineers for this project and *Peelle Company*, which collaborated in the design, fabricated and installed the vertical sliding doors for all four maintenance bays at the Robert Moses and Reservoir Power Plants.

These huge doors are balanced with lead counterweights stacked in steel boxes mounted in channel frames. After channel boxes were installed at the project, workmen handplaced the 40-lb. lead bars furnished by Asarco's Federated Metals Division.

The gigantic maintenance bay is located at the Robert Moses Plant and the 76-feet square door slides up to permit the entry of a 630-ton gantry crane. They are raised and lowered at synchronized differential speeds so that all sections arrive at their respective positions at the same time.

Each section, weighing 28,000 pounds, is counterweighted with lead slabs stacked in steel boxes mounted in steel channel frames. This one door requires a total of 123,000 lbs. of lead as counterweight.

A second door at the Robert Moses Niagara Power Plant is 30-feet wide by 24-feet high. It is a single leaf vertically rising door, counterweighted by 12,000 lbs. of lead.

At the Lewiston Pump Generating Plant, the generator maintenance bay door is 81-feet wide by 56-feet high. It has five vertically rising panels, each weighing 28,000 lbs. Counterweighting for this door required 103,000 lbs. of lead.

The transformer bay at the Reservoir Plant is equipped with a 28x24 feet square door. It is a single leaf vertically rising door counterweighted by 11,000 lbs. of lead.

The Asarco lead used for counterweighting all four doors totals approximately a quarter of a million pounds—one of the many impressive figures underscoring the project's enormous size.

COMMERCIAL DECORATIVE

Commercial and decorative designs in perforated steel and aluminum are described in a new 20-page catalog from Cross Perforated Metals Plant, National-Standard Company.

Included are actual size illustrations for all perforations listed. Several suggested applications, such as room dividers, furniture, and protective guards, are pictured, and many other possible uses are indicated. Production quality controls and Cross plant facilities are also depicted. Specifications and ordering information are included.

Copies of Catalog CL-701 may be obtained by writing Department R D T, National-Standard Company, Niles, Mich.

HONEYWELL TEMPERATURE CONTROL

Three new remote temperature controllers for heating and cooling applications have been announced by the Commercial Division of Minneapolis-Honeywell. One unit has indication plus two-step control, while the other two provide proportional control along with indication.

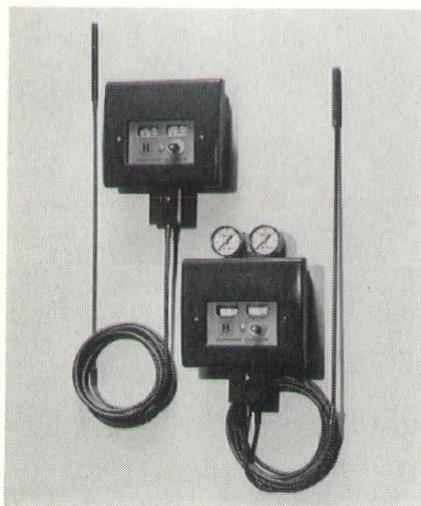
The indicating temperature controller (model T654) has two dials set under a magnifying glass. One dial shows control set point; the other temperature. Both use the same thermal system, which means that action of the control-point mechanism can be followed by simply watching the operating temperature.

The unit has a liquid-filled remote-bulb temperature sensor operating a bellows-coupled precision switch made by Honeywell's Micro Switch Division. Both case and remote tubing have automatic ambient temperature compensation from 30 to 130 degrees Fahrenheit, using a secondary liquid-filled thermal system. Both primary and compensating tubes are enclosed in a single armored cable.

Controllers are available in seven ranges spanning -150 to 1200 degrees Fahrenheit.

The proportioning controllers also use a liquid-filled remote-bulb sensor,

but in one this is coupled to a 140-ohm potentiometer (in model T954) or a pneumatic nozzle-flapper (in model TP954) which respond to changes in the bulb temperature. Unlike units using cycling on-off action, the proportional controllers stabilize temperatures by maintaining steady control.



Honeywell Temp. Control

The proportional units also have two dials; one shows system temperature, the other the control set point.

Again, seven temperature ranges are available, with either the electric or pneumatic models, covering from -50 to 1200 degrees Fahrenheit. Both also have the ambient temperature compensating system plus an adjustable throttling range from 5 to 10 per cent of the scale span made by a simple internal adjustment.

Both units can be flush or surface mounted and both are available with 10- or 20-foot capillaries.

Additional details are available from Honeywell's Commercial Division, Minneapolis 8, Minn.



Narcotics Medicine Station
(see article page 46)

NEW MODEL TRI-PHONIC RECORD PLAYER

The Perry Company, Waco, Texas, has announced a new model of their TRIO-PHONIC Record Player or Listening Center. Model No. T111-MTS has been designed primarily for elementary classroom use. It features a Monaural four speed turntable, a Stereo four speed turntable, and a play back and record tape deck.

As in other models of the TRIO-PHONIC tables, there are three circuits each with twelve headphone jacks. A master switch allows all 36 jacks to be connected to the tape deck at one time. In addition, there is a separate switch to a bottom mounted speaker providing full audio service to the entire room, from the tape deck.

The model No. T111-MTS TRIO-PHONIC also permits recording direct from the turntable to the tape without external audible sound. This feature permits recording on tape while the class is in session without disturbing the students.

Quality components are used throughout. The turntables are Garrard four speed with automatic tone arm switches. Tone arms are equipped with long life diamond stylus. The tape deck is the finest Webcor 2-track Monaural for both recording and play back. It is designed with three tape speeds for complete versatility and use for all types of tape recording and playing. Record safety locks prevent unintentionally erasing of tapes by students. The deck is equipped with an edit key for special occasions. By using the microphone supplied with the deck and the table mounted speaker this TRIO-PHONIC table will serve as a public address system. Headphones are the newly designed, lightweight Stereo chest type phones.

These components are mounted in a sturdy table designed to provide ample space for students taking notes while listening. The table is 32" wide and 92" long. It has folding legs so that the entire unit may be easily moved or stored. It is available in a choice of laminate plastic in wood grain patterns, which are burn and mar resisting. Complete details are available from The Perry Company, Post Office Box 7187, Waco, Texas.



*In Industry...
In Commerce...
In The Home...*

NATURAL LIGHTING BECOMES A PART OF INDOOR LIVING

SANPAN TRANSLUCENT PANELS

A new brochure, just made available by Panel Structures, Inc., describes how the widespread use of SANPAN Translucent Panels in the form of Skylights, Roofing, Sunshades and Marquees has added an exciting dimension in design to a variety of existing and newly erected structures. Architects, Designers, Engineers, and Building owners have found that the natural diffusing qualities of the Panels admit shadowless, glare-free light to building interiors while significantly reducing the amount of radiant heat transmitted. Tests show as low as 10% transmission with white facing SANPAN sheets as compared to over 90% with glass. In addition SANPAN Panels offer the best U-Factor of any light admitting material, including glass block and insulating glass.

These attractive SANPAN Skylights, Roofs, Sunshades and Marquees are made of panels whose skins are fully Acrylic Modified Polyester Fiberglas. They are impervious to the weather, have high impact resistance, color stability and long-lasting qualities. Available in standard white and other colors, easy coverage of either large or limited roof areas is made possible by means of inexpensive installation, resulting in saving of time and money.

To obtain copies of the new brochure which contains further information about how SANPAN Translucent Panels transform building interiors with natural lighting effects, please contact: Panel Structures, Inc., 45 Greenwood Avenue, East Orange, New Jersey.

ARCHITECTS!
**YOU CAN HAVE
 MORE BEAUTIFUL,
 STRONGER,
 MASONRY WALLS**

with

WAL-LOK
 MORTAR JOINT REINFORCING

BECAUSE:

THE EFFECTIVENESS OF REINFORCING IN MASONRY WALLS DEPENDS ON THE AMOUNT AND TENSILE STRENGTH OF THE STEEL IN THE MORTAR AND THE BOND OF THIS STEEL TO THE MORTAR.

WAL-LOK puts 19.2% more steel in the mortar where it counts.

WAL-LOK is double deformed for maximum bond.

TENSILE STRENGTH of steel is retained.

PROJECTING CROSSRODS give 4 mortar locks at each weld.

CROSSRODS hold **WAL-LOK** up for complete embedment.

WAL-LOK, in all grades, complies with or exceeds Government specifications.



Write for New Descriptive Brochure and Name of Distributor nearest you.

WAL-LOK

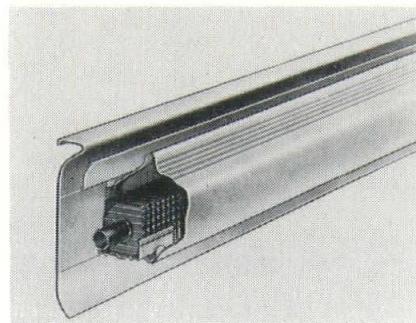
DIV. OF LENAWEE PEERLESS, Inc.

P. O. BOX 516
 ADRIAN, MICHIGAN

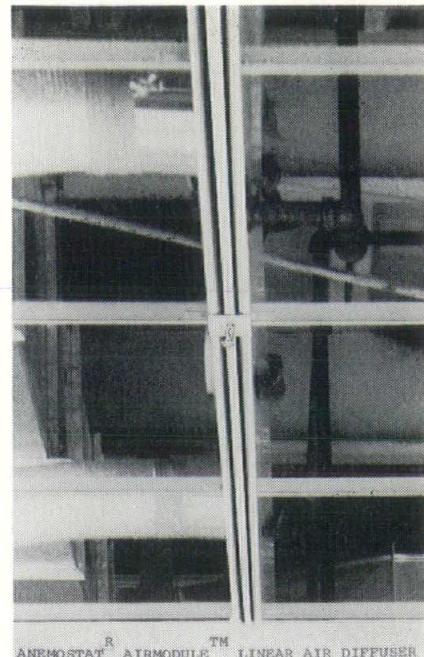
EDWARDS BASEBOARD RADIATION DAMPER

A new multi-position damper for baseboard radiation is announced by Edwards Engineering Corp., Pompton Plains, N. J. It is available for both the $1\frac{1}{2}$ " tube and $3/4$ " tube models.

This new damper is extremely easy to install, either at the time of original installation of the cover, or subsequently after the installation has been completed.



Multi-Position Damper



ANEMOSTAT^R AIRMODULETM LINEAR AIR DIFFUSER

LINEAR ANEMOSTAT

AIR DIFFUSER

(See article on Page 46)

STATEMENT REQUIRED BY THE ACT OF AUGUST 24, 1912, AS AMENDED BY THE ACTS OF MARCH 3, 1933, JULY 2, 1946 AND JUNE 11, 1960 (74 STAT. 208) SHOWING THE OWNERSHIP, MANAGEMENT, AND CIRCULATION OF

Empire State Architect, published 6 Times per year at Rochester, New York for October 1, 1962.

1. The names and addresses of the publisher, editor, managing editor, and business managers are:

Publisher: Martin Q. Moll Publications, Inc., 35 Scio Street, Rochester 4, N. Y.

Editor: Samuel M. Kurtz, 441 Lexington Avenue, New York 17, N. Y.

Managing Editor: Joseph F. Addonizio, 441 Lexington Avenue, New York 17, N. Y.

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3. The known bondholders, mortgagees, and other security holders owning or holding 1 percent or more of total amount of bonds, mortgages, or other securities are: (If there are none, so state.) None.

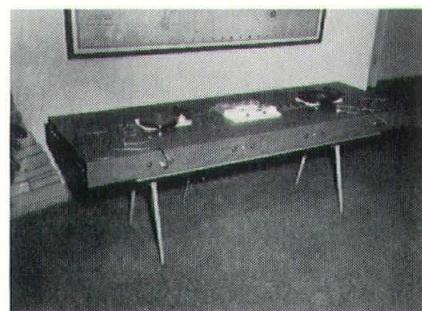
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5. The average number of copies of each issue of this publication sold or distributed, through the mails or otherwise, to paid subscribers during the 12 months preceding the date shown above was 2,600.

SIGNED: Bernard H. Florack, General Manager.

Sworn to and subscribed before me this 18th day of September, 1962.

ANNA M. TOOMEY
 NOTARY PUBLIC, STATE OF N. Y.
 MONROE COUNTY
 My Commission expires March 30, 1964.



ROTUNDA DESK

Rotunda—a top executive desk featured in the new Template-28 group by The Leopold Company of Burlington, Iowa.

The curved top is 41"x90". A 29-inch knee space is provided in the 63-inch base.

CONTRACTUAL LIABILITY

By S. ELMER CHAMBERS, AIA, 1st Vice President NYSA

From an Address given on June 29, 1962 at a meeting of the Building Industry Employers of New York State.

Getting a building project started involves a strange combination of common and conflicting interests. The integrity of the contractors on the job, both general and subs, and their pride in seeing a fine piece of work completed give them a close bond with the owner and architect. However, buildings are built by human beings with different financial interests. These differing interests which at first seem to present insurmountable problems in getting a project off the ground are resolved equitably by two principal means which are used in the two big phases of building. The first phase of course is that of design which terminates in a contract, second is that of the construction under that contract.

The principal means of reaching an equitable contract between contractor and owner are explicit drawings and specifications which is the architect's obligation to all concerned, and an explicit contract which is the obligation of the owner's attorney and/or architect. At this point in the proceedings there should be no "unknowns"—both the owner and contractor should know exactly where they stand and what is expected of each other. So much for the first phase. If by waving a wand the building could be instantaneously produced and paid for there would, with one small exception, be no need of the second, or construction phase.

However, the contract calls for delivery of a product carefully described but not existing, and which is to be manufactured under partially uncontrolled conditions and delivered many months, perhaps years later, by men of many skills and of materials of many shapes and sizes.

Obviously it is during this long construction period when stresses of all sorts begin to bear upon the contractors. Weather conditions, on-the-job accidents, shipment delays, strikes, economic changes, — all of these things and more while unpredictable on a particular project do occur and must be guarded against. This can be done and if adequately done can make the second or construction phase of a building as neatly buttoned up as the paper work first phase. The answer to all this is the proper selection of bonds and insurance which sounds easy but is not always so. Over insuring is like over-engineering. It's not difficult to really make sure by having twice as much as you need, but that is inefficient and expensive.

Contractors liability insurance is the bulwark of protection of course, but like the engineered beam it must be basically adequate in capacity and also

it must have proper connection angles and rivets in the form of "Inclusions" to make it do the job for which it was intended. Completed Operations Coverage is such a rivet, the controversial "Hold Harmless" clause is another. Elevator Coverage is still another. Also Automobile Liability. Some of these are included in the normal comprehensive liability policy, but not all contingencies are so covered.

It is definitely the province of the architect to specify clearly what types and amounts of coverage he will require, to state the term of the policies and ask for proof of carriage.

If the "hold harmless" paragraph 34 of the A.I.A. Standard General Conditions of the contract is to be omitted it should be so stated.

And while on the subject of "hold harmless" this is what the A.I.A. Handbook of Architectural Practice has to say about Paragraph #34. —

PARAGRAPH #34

Should the contractor cause damage to any separate contractor on the work the contractor agrees, upon due notice, to settle with such contractor by agreement or arbitration, if he will so settle. If such separate contractor sues the owner on account of any damage alleged to have been so sustained, the owner shall notify the contractor, who shall defend such proceedings at the owner's expense and, if any judgement against the owner arise therefrom, the contractor shall pay or satisfy it and pay all costs incurred by the owner.

The phrase "at the owner's expense" in the eighth line of this article has been misunderstood, but represents proper procedure for handling claims against the owner for alleged damage to a contractor by some separate contractor on the owner's work. If such a claim is established the contractor responsible is called upon to satisfy it and pay all the costs incurred by the owner.

If no judgment against the owner is secured, then it is clear the contractor has been guilty of no improper act or neglect, and the defense of such suits should be "at the owner's expense." The owner can, at a negligible cost, insure against any such loss, due to verdict or costs, by taking out an "Owner's Contingent Liability" policy.

The contractor should not be asked to assume the expense of suits against the owner, which have no good foundation in acts of the contractor. He cannot insure against such costs, while the owner can, at slight expense. It is the owner's building

(Continued on Page 56)

CONTRACTUAL LIABILITY

(Continued from Page 55)

operation and he should assume the normal risks that are involved and for which the contractor is not responsible. The contractor should be held only for costs resulting from acts which he is responsible, against which he is protected by his own liability policies.

There is no point in taking time to discuss Statutory Insurance. Compensation, Social Security, and Unemployment Insurance we now take for granted. Fire coverage on "builders risk" is usually and properly by the owner, as is contingent liability, which is now also carried by most architects.

Bonds are the other great source of assuring the delivery of a project complete and unencumbered. A Performance Bond, as you know, is not insurance. The bond premium is literally a fee paid to the company for the use of its credit, since the principal stands between it and any possible loss. No loss is contemplated when a bond is issued but losses are expected and anticipated in the case of insurance.

A performance bond is also one of the best single reasons for the architect to produce an explicit, clear, and equitable set of contract documents, since the bond is based entirely upon them. These bonds are not standard, but are tailor-made to the extent that the contract is tailor-made. The provisions of the contract determine the amount of protection the owner receives under the bond.

The amount of the bond required is a matter that architects and owner's attorneys could sometimes consider more carefully.

While it is the custom and sometimes the law for many public bodies to require a 100% bond this is not always necessary in the case of private ownership. Sometimes a 60% bond is perfectly satisfactory whereas a larger one would cause hardship on the contractor in furnishing security for it.

Also in some private work it seems to me that there is a bit of inequity between the great number of times the contractor is asked to furnish a bond to the owner and the rare occasion when the owner is asked to furnish surety to the contractor. And still we know that much work is being done for owners whose financial status is pretty much unknown. Probably part of the reason is that contractors assume that the architect has checked out his client beforehand. But the architect in his turn often assures that the overly optimistic owner is sound, and takes a shellacking too.

The architect, that peculiar character, plays two roles from the time a client walks into his office (or is run down) until they all cut the ribbon at the

opening ceremony. Up until the signing of the construction contract he has only the owner's interest in mind. All the talking and drawing and specifying up to that point has been pointed solely toward getting the owner the kind of building he needs. But once the paper shuffling is ready to translate itself into action his status changes. Now he becomes the impartial interpreter of the contract and if he works in the best tradition of his profession he will bear down with equal vigor on *either* party which tends to stray from the requirements of the contract. It is in his first role that he specifies the amounts and kinds of insurance to be carried, and in his second role he must see that this is done.

Certificates of insurance are always asked for, but they do not show the detail of the policy referred to, and the contractor should not be unduly upset if the architect asks to check the policy form itself. Many insurance contracts are issued with endorsements and other attached forms etc., that may tend to narrow the protection, and this may be because of previous loss experience or because the policy cost less with these exclusions. But they can spell trouble. Suppose for instance an excavation subcontractor has a policy that excludes damage to underground wiring and piping. He hits a gas main. Tremendous damage results—and no coverage. The insurance certificate did not show the exclusion and neither the general contractor nor architect was aware of it. But if the general contractor had seen his subs actual policy rather than a certificate he would have caught the omission and the potential danger. This matter of insurance certificates is often handled too casually by the architect with his prime contractors and the prime contractors with their subs.

It is normal for an owner to feel that when his contractors carry the specified insurance and he has taken out contingent liability that he has insulated himself against every possible hazard and usually this is so. But he must realize that there are certain remote risks he still must be prepared for. I know of a school, nearly finished, where a flash flood deposited six or eight feet of water in the boiler room and damaged the boilers, pumps, control wiring, and everything else. This was a very sticky deal indeed. And there are occasions when an owner is in partial possession of a building and the contractors still working when settlement of assorted claims gets to be extremely involved.

In spite of all the complexities of modern building the insurance and bonding companies have done a remarkable job. They can and do protect contractors against almost every hazard except that of an architect making a speech and they could probably even quote you a rate on that.

The RUBEROID Co. Announces the 4th Annual \$25,000 Awards Ruberoid/Matico Design Competition



THE JURY, left to right, James J. Hurley, Taylor-Hurley Assoc., New York, N. Y.; Prof. Vernon DeMars, A.I.A., Chairman, Dept. of Arch., Univ. of Cal., Berkeley, Cal.; William L. Slayton, Commissioner, Urban Renewal Admin., Wash., D.C.; B. Sumner Gruzen, F.A.I.A., Professional Advisor, New York, N. Y.; Ralph Rapson, A.I.A., Head, School of Arch., Univ. of Minnesota, Minneapolis, Minn.; Edmund N. Bacon, A.I.A., (Chairman) Exec. Dir., Phila. City Planning Comm., Phila., Pa.

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Donald L. Williams, Fern Creek, Ky.

NATIONAL MERIT AWARDS (6)

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Robert F. Lindsey, Houston, Texas

Jean-Michel Charnet, St. Louis, Mo.

John C. Dyer, Boston, Mass., Thomas S. Marvel,
Puerto Rico and John W. Shenefield, Jr.,
Cambridge, Mass.

Jan Lubicz-Nycz, San Francisco, Cal.

F. Kempton Mooney, Columbia, S. C. and
Joseph L. Young, Clemson, S. C.

Minoru Takeyama, New York, N. Y.

SPECIAL STUDENT AWARDS

FIRST PRIZE

Edward Z. Jacobson, Pittsburgh, Pa. and
Kenneth Schwarz, Kew Garden Hills, N. Y.

SECOND PRIZE

Michael Marczuk, Minneapolis, Minn.

THIRD PRIZE

Daniel E. Green and Eugene J. Mackey, La Due, Mo.

STUDENT MERIT AWARDS (4)

H. Stow Chapman and Richard A. DeVine, Champaign, Ill.

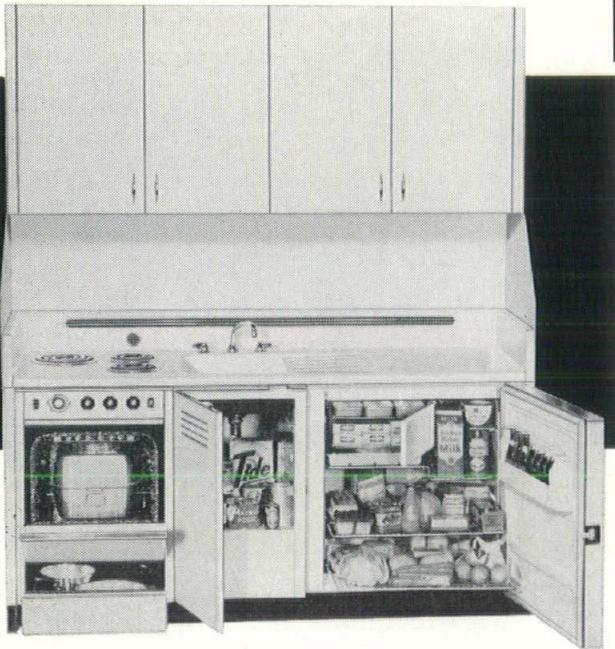
R. Alan Forrester, Tadeusz M. Janowski, Ilmar Reinvald
and Donald E. Sporleder, Urbana, Ill. and Elam L. Denham
and Anthony Pellecchia, Champaign, Ill.

Melvin Leon Ford, Glendale, Cal.
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CONSTITUENT EDITORS' QUOTES

(Continued from Page 51)

in its news announcements (unless contractual arrangements specify otherwise), experience indicates that they are not reluctant to do so when properly approached.

To carry this a step further, some architects have found it effective to have their own public relations people either prepare the press materials for their client or assist in the preparation.

There may be instances where, although these steps have been taken, a newspaper continually omits the architect's name. In such a case it is advisable to call this situation directly to the attention of the city editor and/or real estate editor and discuss it with them personally.

The Chapter wages a continuing campaign to see that architects are properly recognized for their creative endeavors. If you have any specific problems contact the Public Affairs Committee or the Chapter's P. R. counsel.

BULLETIN

BRONX CHAPTER AIA

Michael A. Cardo, Editor

EXCERPT FROM PRESIDENT RUSCIANO'S ADDRESS AT OUR JUNE DINNER

The Bronx Chapter, although relatively small in membership, has always been very active in its attempt to benefit the professional at large, and these endeavors have, on occasion, reached a national level.

A notable example of this was the obtaining of Social Security for the self-employed architect in spite of opposition from the higher echelon. This entire matter was introduced by the Bronx Chapter, and we have Mr. Simon and Mr. Hertz to thank for spearheading the drive to a successful conclusion.

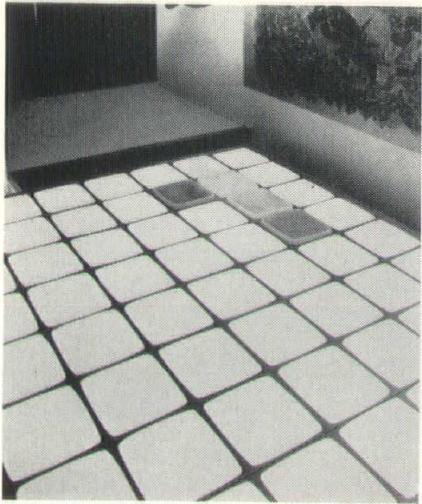
I am sure that many architects who have reached the retirement age appreciate the resulting benefits.

This forthrightness and singleness of purpose can also go a long way towards creating a smooth road in the practice of our profession at a local level.

We must recognize the fact that the Chapter is not an abstract body that either does or does not accomplish anything on behalf of the profession.

We must recognize also, that any one member's criticism of Chapter activities is a reflection of his own inactivity in the affairs of this organization.

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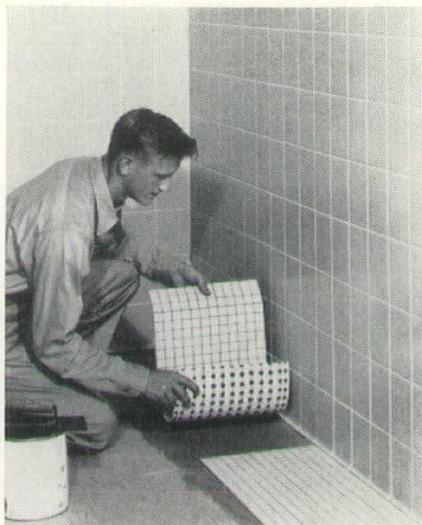


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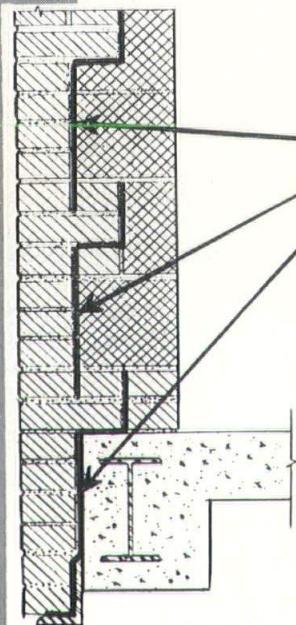
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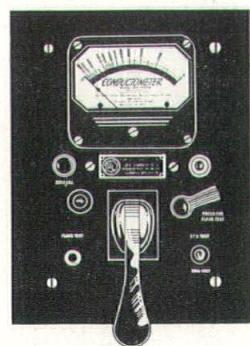
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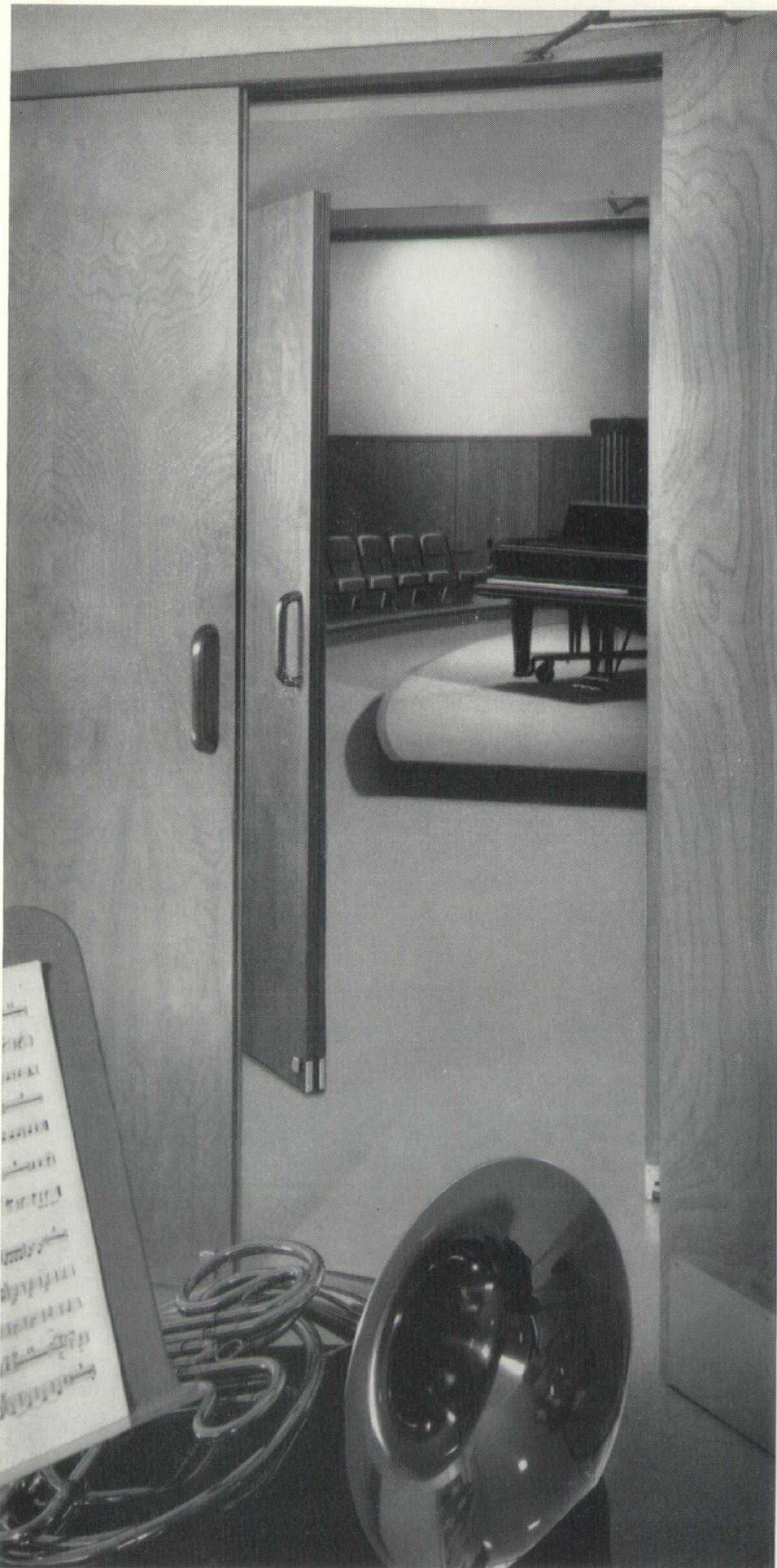
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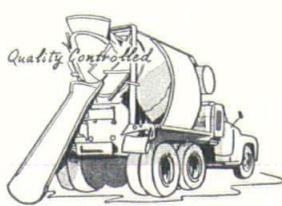
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CONSTITUENT EDITORS' QUOTES

(Continued from Page 58)

I wonder if perhaps occasionally this same member asks, "What am I contributing to the Chapter?"

There is a tremendous need for all of us to expend more energy in an effort to "EXPAND THE PUBLIC RELATIONS" of the Profession on a local and national plane, and it is regrettable that too many of our members do not consider our chapter affairs of significant importance to attend meetings regularly.

NOTE: For the record, Social Security was initiated by the Bronx Chapter in behalf of the architects during this Editor's administration (Presidency of 1951-1952).

OTHER PUBLICATIONS

We wish to congratulate the OCULUS of the N. Y. Chapter A.I.A., its Editor, the executive secretary, and last but not least, President Woodbridge for their splendid and fine presentation of its July-August issue. We are very much impressed by the publicity given to the preservation of the Penn. Station and other similar articles which appeared in other issues of the Oculus.

We also wish to congratulate the BULLETIN of the BUFFALO WESTERN NEW YORK CHAPTER A.I.A. and its Editor, Richard T. Crandall, for the splendid July, 1962, issue which we were happy to receive.

TO GET INTO PRINT

NYSAA members are invited to submit material for publication. This can be examples of their work or articles on any appropriate subject. Such examples should include plans, renderings, photos—interior and exterior—suitable for reproduction, preferably glossy photostats or photographs, not over 8½" by 11" in size. Captions for photos should be typed. A brief description outlining salient features of design or construction is desirable. In addition, a listing of products used, by trade names, including the manufacturers names is most helpful; credits for engineers, builders, etc., will be used if supplied. Articles, of course, should be typed, double spaced.

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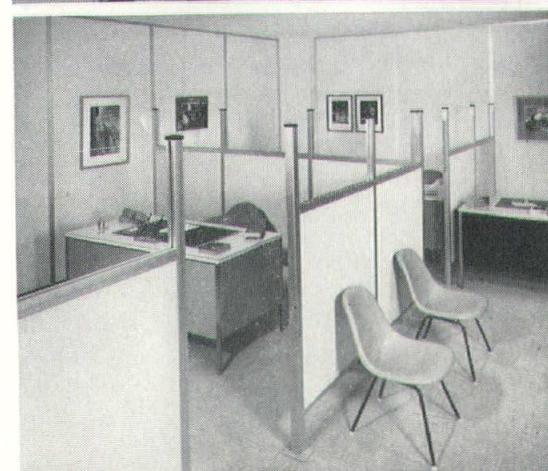
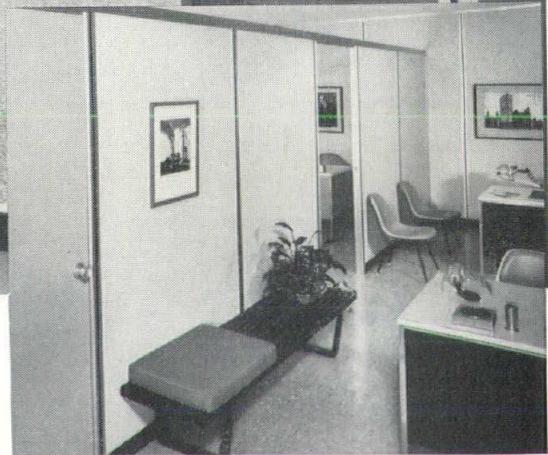
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ANNOUNCING: NEW GOLD BOND

NO. 100 DEMOUNTABLE
PARTITION SYSTEMS



VERSATILITY TO MATCH YOUR INGENUITY

Gold Bond No. 100 Demountable Partition Systems are designed to meet your every partition need. With these new partitions you can specify any height: floor to ceiling, cornice height, bank screen or low rail. And you can use any height combination in any wall. They're nonprogressive. Panels may be removed to make changes, without interference to the rest of the system. No need to wait months for shop drawings, fabrication or delivery of component parts. Panels come in standard sizes—4' wide and up to 12' in length. Can be cut to required size right on the job.

What are they made of? Rugged Asbestone Panels of $1\frac{9}{16}$ "-thick Ripple-textured asbestos-cement facings in six rich colors. Aluminum framing components and a clip-on base for easy access to wiring raceways. If on-the-job painting is desired, a natural gray asbestos-cement Asbestone Panel may be used.

Between the asbestos-cement facings, you also have a choice of core materials: lightweight Spiral-Core made with hardwood curls; laminated layers of wood fibre board; or noncombustible fibre board.

Best of all, these Gold Bond partitions are demountable, remountable and alterable on the job. And at less cost than many metal partition systems.

For a more complete story of the many advantages of the Gold Bond No. 100 Demountable Partition Systems, call your Gold Bond® Representative or write National Gypsum Company, Dept. ES-92, Buffalo 13, New York.

Gold Bond
PARTITIONS

STEEL provides economy



Today the key to economy is speed...faster completion...quicker occupancy. A recent impartial study of 101 new buildings, 43 framed in structural steel, 58 reinforced with steel, showed those with steel frames went up 45% faster.

Yet speed is but one of the many advantages of structural steel...you get them all when you **SPECIFY STEEL**.



NEW YORK STATE STEEL FABRICATORS ASSN. INC.

ALBANY, N. Y.

James McKinney & Son, Inc.

BINGHAMTON, N. Y.

Binghamton Steel & Fabricating Co., Inc.

BUFFALO, N. Y.

August Feine & Sons Co.

Lackawanna Steel Construction Corp.
R. S. McManus Steel Construction Co.,

CORRY, PA.

Rogers Structural Steel Co., Inc.

ROCHESTER, N. Y.

F. L. Hughes & Co., Inc.
Leach Steel Corp.

ROME, N. Y.

Rome Iron Mills, Inc.

SYRACUSE, N. Y.

Empire Structural Steel Fabricators, Inc.
Smith & Caffrey Co.
Syracuse Engineering Co., Inc.

TROY, N. Y.

West Side Structural Co., Inc.

UTICA, N. Y.

Utica Steam Engine & Boiler Works

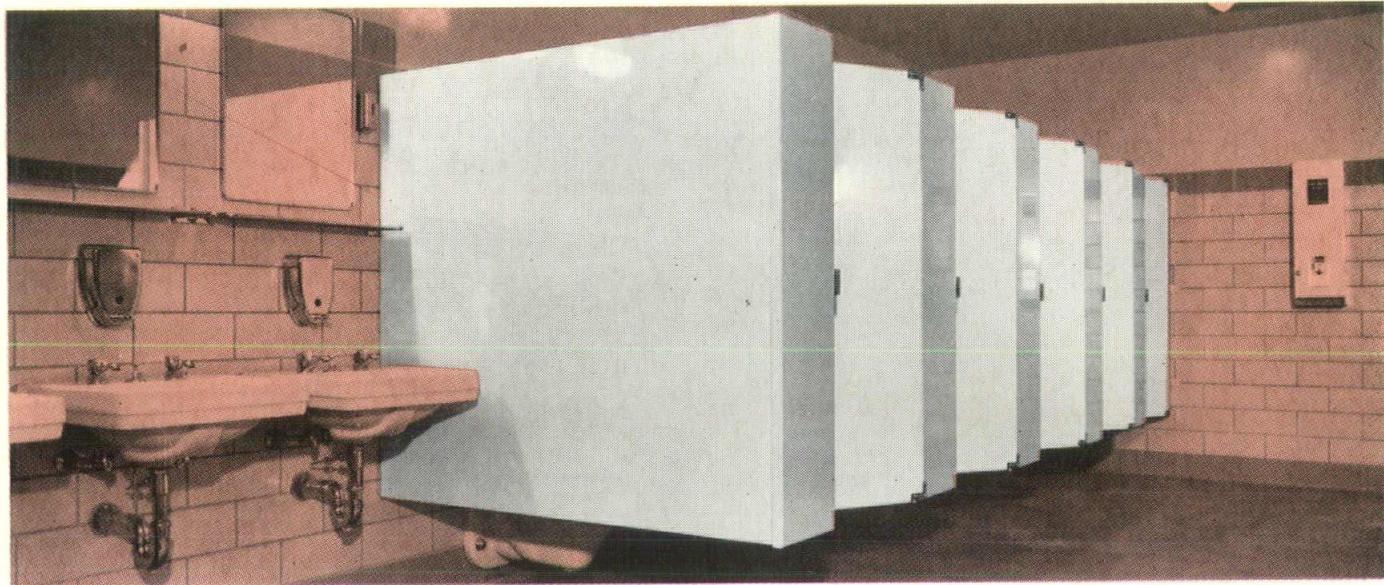
FLUSH-METAL TOILET PARTITIONS

fashioned
with



for a lifetime of

LOW MAINTENANCE
BEAUTY
DURABILITY

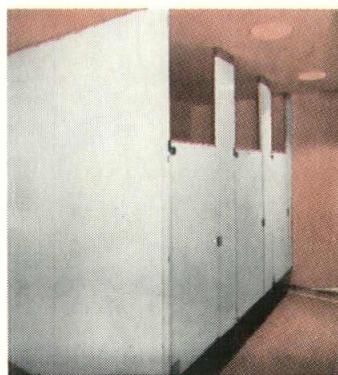


This Flushwing wall-hung design provides the maximum in sanitation

Care-free Formica® laminated plastic surface will not corrode ■ **resists scratching** ■ **unharmed by harsh liquid detergents** ■ **never needs refinishing** ■ **available in a wide selection of colors, patterns and finishes**

Flush-Metal custom-produced toilet compartments are now a reality, because of the materials used. You can get a wide latitude of expression with exterior grade plywood, Formica clad, as well as unlimited colors, finishes, and special trademarks and engravings incorporated in the finished products. Custom design with curves and cantilevers are now possible because structural supports can solely be now the responsibility of the toilet compartment manufacturer. Your buildings deserve the best — specify Flush-Metal Formica toilet compartments.

Flushung compartments provide an unobstructed floor for efficient cleaning



FLUSH-METAL PARTITION CORP.

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